

DATA

TELECOM

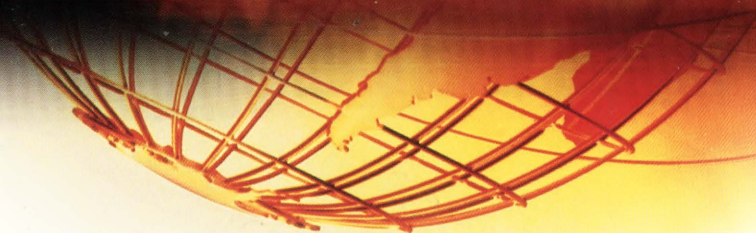
CONSUMER



[www.molex.com](http://www.molex.com)

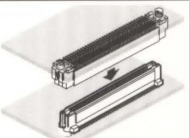
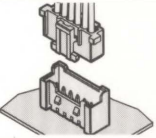
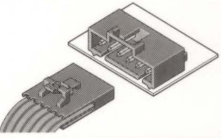
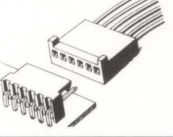
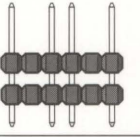
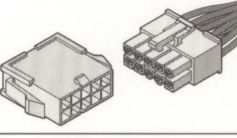
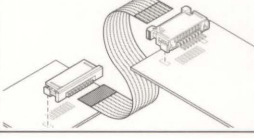
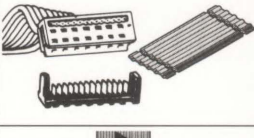
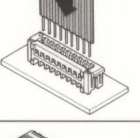
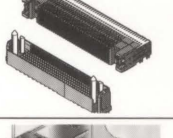
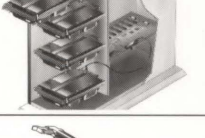

AUTOMOTIVE

INDUSTRIAL



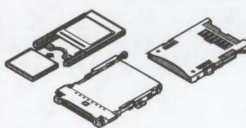
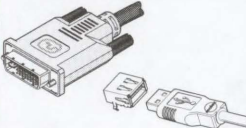
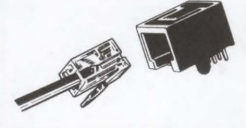
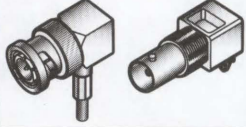
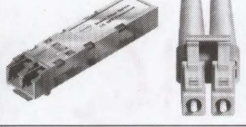
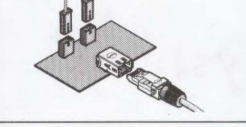
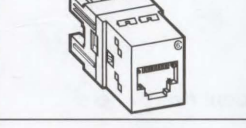
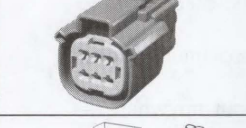
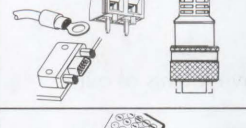
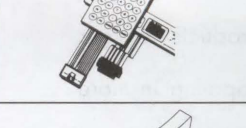
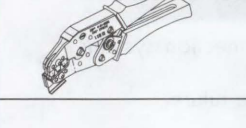
# MX01 | Full Line Catalog



Image	Section	Title	Maximum Current	Wire Gauge (AWG)	Pitch	Design Configuration	Product Families
	<b>A</b>	<b>0.40 to 1.60mm (.016 to .063") Pitch PCB and Wire Connectors</b>	2.0A	24-32	0.40 to 1.60mm (.016 to .063")	Wire-to-Wire Wire-to-Board Board-to-Board Board-In	D-50L Mezzanine IEEE 1386 Microminiature Mini Mi II™ PanelMate™ Twin-Stack™
	<b>B</b>	<b>2.00 to 2.50mm (.079 to .098") Pitch PCB and Wire Connectors</b>	5.0A	22-30	2.00 to 2.50mm (.079 to .098")	Wire-to-Wire Wire-to-Board Board-to-Board Flex-to-Board Cable-to-Board Board-In	KK® Mi II™ Milli-Grid™ Sherlock™ SPOX™ User Friendly
	<b>C</b>	<b>2.54mm (.100") Pitch PCB and Wire Connectors</b>	4.5A	22-30	2.54mm (.100")	Wire-to-Wire Wire-to-Board Board-to-Board	C-Grid® C-Grid III™ KK® SL™
	<b>D</b>	<b>3.00 to 7.92mm (.118 to .312") Pitch PCB and Wire Connectors</b>	7.0A	18-28	3.00 to 7.92mm (.118 to .312")	Wire-to-Wire Wire-to-Board Board-to-Board Board-In	KK® SPOX™
	<b>E</b>	<b>Custom Headers</b>	7.0A		2.00 to 3.96mm (.079 to .156")	Wire-to-Board Board-to-Board	C-Grid® KK® Milli-Grid™
	<b>F</b>	<b>Power Connectors</b>	50.0A	8-30	1.57 to 15.88mm (.062 to .625")	Wire-to-Wire Wire-to-Board Wire-to-Tab Panel-to-Panel	3-in-1 Combo Connectors, Battery Connectors, Claspron™ Cluster Block Connectors, COMPODRE™, DPS/MPS Disk Drive Power Connectors, HCS-125, Micro-Fit, 3.0™ Micro-Fit 3.0, BMI™, Mini-Fit™ Family, Mini-Fit, Sr.™, MLX Range Receptacles, Sabre™, Standard .062 and .093"
	<b>G</b>	<b>FFC/FPC Connectors</b>	3.0A	.10 to .30mm (.004 to .012") Thick Cable	0.30 to 2.54mm (.012 to .100")	Wire-to-Board Flex Circuit-to-Board	Easy-On™ Premo-Flex™ SL™
	<b>H</b>	<b>Ribbon Cable Systems</b>	3.0A	18-28	1.00 to 3.96mm (.039 to .156")	Wire-to-Board Board-to-Board	Flextran™, Picoflex™ Pre-Notched Cable, QF 50™ Ribbon Cable Jumpers and Assemblies Round Conductor Flat Cable SL™
	<b>I</b>	<b>Wire Traps, Cable Jumpers and Holders</b>	3.0A	24-28	1.25 to 2.50mm (.049 to .098")	Wire-to-Board	Cable Holders Jumper Sockets Wire Traps
	<b>J</b>	<b>Backplane Connector Systems</b>	40.0A		0.50 to 10.16mm (.019 to .400")	Wire-to-Board Board-to-Board	Compact PCI <sup>†</sup> , DIN 41612/IEC 603-2 HDM/HDM™ <sup>ms</sup> , LFH™ (Unshielded) MFB™ (Futurebus+) MZP™, NexStep™ Omnigrid®, VHDM*
	<b>K</b>	<b>Storage Network Interconnects</b>	1.5A	30	0.80 to 1.27mm (.031 to .050")	Wire-to-Board Board-to-Board	GBIC, EBBIT™, MUSIC™ (SSA/1394) SCA-2, Small Form-Factor Pluggable (SFP)
	<b>L</b>	<b>Sockets and Edge Card Connectors</b>	5.0A	18-30	0.762 to 3.96mm (.030 to .156")	Wire-to-Board Board-to-Board	Compact PCI Slot, DDR DIMM DIMM, HiSpec™ (Slot 2), HiSpecGSTM, IC Sockets, KK®, Micro PGA, RIMM, SGRAM, SIMM, SIP Sockets S.O. DIMM, Transistor Sockets, Universal AGP Pro, ZIF PGA

\* HDM, HDM™<sup>ms</sup> and VHDM are trademarks of Teradyne, Inc.

† Compact PCI is a registered trademark of the PCI Industrial Computer Manufacturers Group

Image	Section	Title	Maximum Current	Wire Gauge (AWG)	Pitch	Design Configuration	Product Families
	<b>M</b>	<b>Memory Card Systems</b>	5.0A		1.27 to 2.54mm (.050 to .100")	Wire-to-Board Board-to-Board	Cardbus CompactFlash MultiMediaCard Connectors PC Card Smart Card/SIM Card Reader
	<b>N</b>	<b>I/O Connectors</b>	3.0A	22-36	0.80 to 2.50mm (.031 to .098")	Wire-to-Board Board-to-Board	Circular DIN, Commercial Micro-D D-Subminiature, Docking Station IEEE 1394, Leaf Style, LFH™ MicroCross™ DVI and P&D mini-B™, Mini-DIN, Phono Jack SCSI+, Ultra+™ VHDCI, Universal Serial Bus (USB)
	<b>O</b>	<b>Modular Plugs and Jacks</b>	1.5A	Telephone Cord Round Cable		Wire-to-Board	Category 5 FCC 68 HyperJack™ Mini PCI RJ-11 RJ-45
	<b>P</b>	<b>RF Coaxial Connectors</b>		Coaxial Cable		Wire-to-Board	BNC MCX MMCX SMA SMB
	<b>Q</b>	<b>Fiber Optic Connectors</b>	See <a href="http://www.molex.com/fiber">www.molex.com/fiber</a> or the Fiber Optic Product catalog for specific information.				Cable Assemblies Connectors and Adapters Optical Flex Circuit and Backplane Solutions Optoelectronic Products Zirconia Ferrules
	<b>R</b>	<b>High Performance Cable Assemblies and Adapters</b>	1.0A	Custom Cable	2.00 to 2.54mm (.079 to .100")	Cable Assemblies	Fibre Channel/Gigabit Ethernet Milli-Z™ Z-Zone™
	<b>S</b>	<b>Structured Cabling Systems—MPN</b>	See <a href="http://www.molexpn.com">www.molexpn.com</a> for specific information.				Communications Cabling Closet Products Distribution Frame and Accessories Fiber Optics Office Outlets Workstation Products
	<b>T</b>	<b>Automotive Connectors</b>	30.0A	12-22	1.00 to 6.00mm (.039 to .236")	Wire-to-Wire Wire-to-Board	Mini Splash Proof Mini-T OBD-II Splash Proof Tab Style
	<b>U</b>	<b>Industrial Connectors</b>	See <a href="http://www.molex.com">www.molex.com</a> or the Industrial Products catalog for specific information.				Circular Connectors Heavy Duty Rectangular Connectors Micro-D Power Connectors Quick Disconnects Terminal Blocks
	<b>V</b>	<b>Switches and Tactile Domes</b>		Custom Flexible Circuits		Membrane Switches and Flexible Circuits	Membrane Switches Tactile Domes
	<b>W</b>	<b>Application Tooling</b>					Crimp Tooling IDT Tooling
	<b>X</b>	<b>Contact Information</b>					Franchised Distributor Network International Offices US Offices

# A leader in electronic, electrical and fiber optic interconnection products and systems



Since 1938, the people of Molex have provided the expertise, products and worldwide service our customers need to help them compete in the global marketplace. Our workforce includes design engineers; electrical engineers; chemists; global marketing teams; product managers; tool and die makers and sales engineers, all dedicated to responding quickly and effectively to satisfy our customers' requirements.

Molex is the world's second largest manufacturer of electronic, electrical and fiber optic interconnection products and systems; switches and application

tooling. Our connectors are used just about everywhere — from computers to consumer products, automotive to networking, industrial applications to telecommunications. And our products are delivered just about anywhere — to customers around the world.

Every day, we draw on the collective talents of our global organization to design, develop and manufacture the most innovative and reliable products for our customers. Molex engineers are participating in more than 100 committees, helping our customers set new international standards for the interconnection systems that will create opportunity well into the future.



High frequency test  
and measurement  
technology confirms  
Molex connectors meet  
customer performance  
requirements.

### Facilities Around the Globe Working Together as One Team

In 25 design groups in 20 locations in 10 countries, the people of Molex are customer driven. As a one-source supplier, Molex provides global account management in a customer's home country and then coordinates product design and delivery to multiple customer manufacturing sites worldwide. Local sales support around the world ensures customers receive knowledgeable assistance from people who speak their language and understand the specific needs of their business environment. Complementing our worldwide design, engineering, manufacturing and application tooling capabilities are value-added services, such as molding and assembly, that make Molex a one-source supplier.

**Global Information System** — To help us work as one team, our organization is linked through the Molex Global Information System, a single database that gives Molex personnel anywhere in the world real-time access to customer contracts, orders, specifications and delivery requirements. This company-wide, shared planning system helps us streamline the development process and

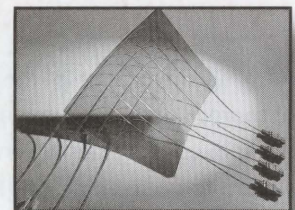
accelerate the pace of product introductions. This strengthens our ability to provide seamless global quality to our customers regardless of where we manufacture.

**Worldwide CAD Network**— All of our design centers are connected through a global CAD network so engineers in multiple locations can cooperatively develop the best product for our customer's application. We draw on our shared database to search out optimal designs, technologies and innovations that have been tested in other parts of the world and industries.

**Electronic Data Interchange** — To facilitate customer communication and reduce delivery cycle time, we have also invested in support systems such as automatic bar code scanning, which initiates computerized dispatch, invoicing and inventory updating. We've also integrated our customers' planning processes with our own planning process to more precisely align their demand with our resources. Through EDI, many of our customers supply us with production forecasts, which we then use to allocate our capacity and coordinate delivery.

This comprehensive approach to service assures worldwide coordination of our resources to meet our customers' needs globally, regionally and locally.

Each year Molex spends millions  
on new product development  
and receives hundreds of  
new product patents.



# Click on molex.com for more up-to-date, in-depth information.

The screenshot shows the Molex.com homepage with the following elements:

- Navigation:** Products, New, Contact Us, About Us, Investors, Jobs, Languages.
- Header:** Home | Already a registered Molex user? To login [click here.](#)
- Tagline:** Bringing People & Technology Together Worldwide. [Click Here to create your personal molex.com](#)
- Product Search:** Enter Molex Part No. [ ]
- Quick Links:** Wire-to-Wire, Wire-to-Board, Board-to-Board, Backplane, Memory Card, Sockets/Edge Card, Flat Flex/Cable, Solderless, Terminals, Fiber Optics, Modular, Direct Hooks.
- News In Brief:**
  - Molex Fiber Optics Receives Product Technology Award
  - MicroCross™ DVI Link™ Riser Card Offers Low-Cost Solution for High-Resolution Digital Display Technology
  - ParaLink™ High Speed Parallel Optical Links Ramp Up Speed, Performance
- Industries & Applications:**
  - Application: Set-Top Box
  - Conditional Access
  - Memory
  - Storage
  - Home Network
  - Interface
  - Miscellaneous
  - Digital I/Os
- Featured Interconnect Products:**
  - MicroCross™ DVI: High-Speed electrical performance in a low-cost connector.
  - CompactFlash™: CF connectors for CF Cards, Type I CF to PC Card adapters, and a variety of host system headers and ejectors.
- Services & Support:**
  - Molex Custom Headers: Your source for customized K&B, C-Grid™ and Milli-Grid™ header products
  - Automotive Products and Capabilities
  - Basic Connector Engineering: A self-paced introductory course on electronic interconnects.

Molex.com is designed to help you get more done in less time. The site offers consistent site navigation and improved search capabilities that allow you to search by application profile, keyword, picture, feature and part number. The site includes all of the products and information found in this full line catalog plus expanded content such as new products, 3D solid models, 2D drawings, product specifications, test results and sample request forms. You can even set up your own personalized molex.com home page simply by registering.

## Why should you register?

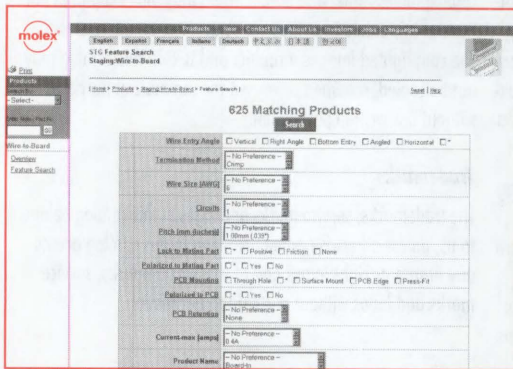
By taking advantage of the optional registration, you will be able to get more – and more immediate – information on key applications in your market. Registering ensures that the most relevant content is brought to **your** home page. It also allows you to sign up for a monthly e-mail and be among the first to hear about new products. Finally, you can set site-specific bookmarks and self-populate your response screens, making it easier to order samples on-line. Simply find your solution on-line or in this catalog and then order samples on molex.com.

The registration form includes the following fields:

- Registration Information:**
  - Requester First Name: [John]
  - Requester Last Name: [Doe]
  - Requester E-mail: [jdoe@company.com]
  - Phone: [800] [855-1011]
  - Fax: [888] [555-1012]
  - Industry: [Select One]
  - Company Name: [Company X, Inc.]
  - Designation: [Design Engineer]
- Shipping Information:**
  - Ship to Address Line 1: [1025 Monticello Ct.]
  - City: [Napperville]
  - State/Province/Zip: [IL, 60540]
  - Country: [USA]
  - Method of Shipment: [Select One]
- Additional Fields:**
  - File in only if you sell Automotive, Heavy or Power Equipment
  - If you are currently buying Molex products, from whom do you buy? [ ]
  - Quantity 1: [10] Part Number (6 or 9 digit): [647948218]
  - Quantity 2: [ ] Part Number (6 or 9 digit): [ ]
  - Quantity 3: [ ] Part Number (6 or 9 digit): [ ]

Every effort will be made to send the requested samples. However, samples are subject to availability. Since samples may not be representative of production quality, they should not be used for customer production.

# How do you want to search?



## By Product Feature

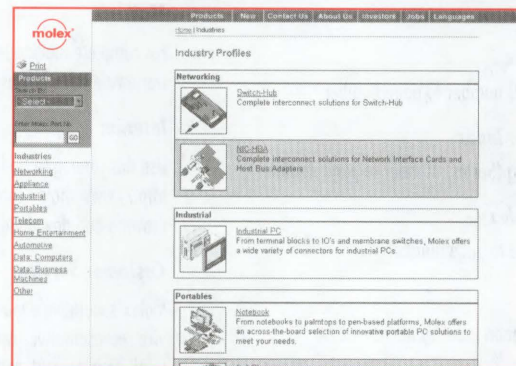
Searching by multiple product features such as pitch, mated height, PCB thickness, wire size and current saves time by focusing only on the connectors that have the features you need.

## In Your Language

Search product information in the language of your choice. Molex.com offers search capabilities in Chinese, French, German, Italian, Japanese, Korean, Portuguese and Spanish.

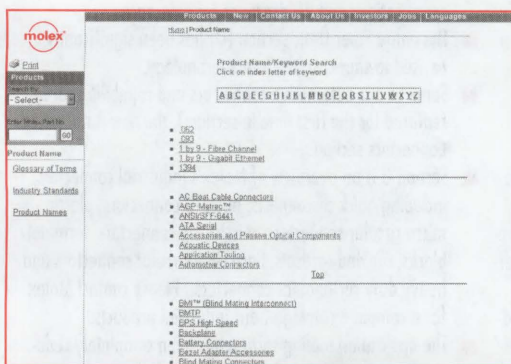
## By Industry

You can search by industry such as Networking, Portables or Industrial. For a more detailed search once you select the application profile — notebooks, for example — you can select a specific product category such as “memory” or “microprocessors.”



## By Picture

Find a connector by first choosing a representative picture. A graphical interface lets you search all the way down to the series level.



## By Product Name

This keyword search allows you to link to the commercially used name for a connector family or category, such as Mini-Fit™ or IEEE 1394.

## By Part Number

Enter an entire or partial Molex part number to get the search results. Or search by competitor part number to find the Molex equivalent.

## WELCOME

The Molex MX01 Full Line Catalog features a standard catalog page to make it easy for you to use. All the technical specifications are in the same place on each page so you know where to locate specific information. Other information about each of our products is also provided:

- Agency approvals
- Standard packaging (where available)
- Use With and Mates With information
- Isometric drawings for easy part identification
- Dual dimensions (millimeters and inches)

Tooling used to apply Molex products is on the last page(s) of each Product Section, with Section W featuring expanded Application Tooling information.

We welcome your comments about the standard catalog page so we can continue to improve the quality of the technical information we provide about our products. Please fax us at (630) 512-8627 or send an e-mail to [amerinfo@molex.com](mailto:amerinfo@molex.com).

## SEARCH TOOLS

### Table of Contents/Visual Index

Guide to Molex products by type or application

### Section Divider Pages

Detailed breakdown of products within a section

### Order No. Index

Molex order (EDP) number to page number

### Engineering No. Index

Molex engineering (Series) number to page number

### Trade Name Index

Molex trade name to page number

### Glossary

Definition of common industry terms

### For Further Information

Molex worldwide sales offices and distribution network

## WHAT'S NEW

Following are some of the changes and additions that were made to the MX01 catalog to make it as user-friendly and informative as possible. Many of the catalog sections have been reordered or renamed so that products are more intuitively organized and easier to find.

- Information from 990 sections A, I and J were combined and reorganized by pitch and design configuration into sections A B, C and D. Sections A and D now include Molex's Compression Connectors.
- We added Mini Mi II™ to section A, 2.00 to 2.50mm (.079 to .098") Pitch PCB and Wire Connectors.
- A new section showcasing our custom header capabilities was added in section E.
- The Power Connectors section, F, was reorganized by current, so it's now easier to find the products you need. Our SSI DPS and MPS connectors were added to this section, and our Micro-Fit, 3.0™ product family was moved to this section, including the new Micro-Fit 3.0, BMI™.
- Premo-Flex™ standard length jumpers and several new Easy-On™ Type FFC/FPC connectors were added to section G, FFC/FPC Connectors.

## Disclaimer

We try to make the illustrations, specifications, dimensions and other information in this catalog accurate as of the date of catalog publication. However, we do not warranty the accuracy, adequacy, timeliness or completeness of the information. This catalog is provided "as is" without warranty of any kind. We expressly disclaim all warranties of merchantability or fitness for a particular purpose.

We will not be liable for any damage, loss or expense including without limitation, direct, indirect, special or consequential damages arising from or in connection with any product, service or information described or contained in this catalog. We reserve the right to change the information without notice. Current sales drawings with dimensions and current specifications are available upon request.

## ORDERING INFORMATION

### Phone

For your nearest Molex representative, see the complete listing of Molex direct sales and distributors on pages X-2 to X-6.

### Mail

For complete mailing information, see the listing of Molex worldwide sales offices on pages X-7 and X-8.

### Internet

Use this catalog to find your solution and then go to <http://www.molex.com> to order samples, view a 2D technical drawing and download a 3D solid CAD model.

### Customer Service

Molex's worldwide team of sales engineers and customer service representatives are nearby and ready to provide answers to all your product, technical and service needs. Contact your local Molex representative today.



# Using Your Molex Catalog

## Copyrights

We retain the copyrights to all images, graphics and text in this catalog, unless otherwise noted. Users may make copies of portions of this catalog for their personal, non-commercial use. The copyrighted images, graphics and text in this catalog may not be copied, modified or reused for commercial purposes without our written permission.

## Trademarks

The trademarks, service marks and logos in this catalog belong to us, unless otherwise noted. Nothing in this catalog grants any license or right to use any of these trademarks, service marks and logos without our written permission.

## NEW PRODUCT NEWS

For more recent, in-depth information on Molex products, visit our web site. You can also set up your own personalized [molex.com](http://molex.com) home page and sign up to receive a monthly e-mail message that notifies you of new product information posted to our web site.

- The ribbon cable and ribbon cable connector sections have been combined into section H, Ribbon Cable Systems.
- Several new families have been added to section J, the Backplane Connector Systems section, including NexStep™, VHDM\* and MZP™. This section also now showcases Molex's full offering of Omnigrid® products.
- Section K, Storage Network Interconnects, now includes information about GBIC guide frames and adapters and SFP receptacles and cage kits. This section also includes new pages for EBBI SOD and SCA-2.
- We added HiSpecGSTM™ and DDR DIMM information to the Sockets and Edge Card Connectors section (L).
- In Section M, Memory Card Systems, we have added information about One Slot and Two Slot Cardbus headers, ejectors and ejector assemblies, as well as MultiMediaCard connectors. We have also added additional PC Card headers and CF Card headers and ejectors to this section.
- The I/O section (N) has grown significantly with the addition of our MicroCross™ DVI and Ultra+™ VHDCI products.
- The Modular Plugs and Jacks section has grown with the addition of the HyperJack™ and many other new modular

jacks, such as RJ-11 and RJ-45 versions and modular jacks with and without lightpipes.

- We have added more in-depth information about our MMCX, MCX, SMB, SMA and BNC RF connectors, including specifications and 2D drawings for reference.
- The entire Fiber Optic section (Q) has been significantly revised to showcase the latest technology.
- Some of our automotive connectors and capabilities are featured for the first time in section T, the new Automotive Connectors section.
- Section U is an overview of Molex's industrial connectors, including quick disconnects, micro-D connectors, plastic micro circular connectors, micro strip connectors, terminal blocks, molded cordsets, hard shell circular connectors and heavy duty rectangular connectors. Please contact Molex for a complete catalog of our industrial products.
- The application tooling section has been completely redesigned and reorganized. The beginning of the section includes an overview of crimp and IDT technology and the rest of the section now incorporates tooling cross references and information by region.

\* VHDM is a trademark of Teradyne, Inc.



## Specifications

### FEATURES AND SPECIFICATIONS

#### Features and Benefit

- Sizes 2 to 25 circuits
- Preloaded, single-piece construction allows for fully automated termination
- Packaged in plastic tubes to allow for automated manufacturing and to minimize product handling
- Back ribs maintain position of connector assembly in dies; prevents lateral movement when another assembly is removed
- End-to-end stackable inside a single row panel mount connector to form a larger single row connector
- Back-to-back end-to-end stackable inside a dual row panel mount connector to form a dual row connector

#### Reference Information

Product Specification: PS-70475  
 Packaging: Tube  
 UL File No.: E29179  
 CSA File No.: LR19980  
 Mates With: 70018, 70022 and 70104  
 Use With Molex Cable: 7307, 7767, 8996, 8997, 24226, 24241, 24369 and 24389  
 Designed In: Inches

**Electrical**  
 Voltage: 250V  
 Current: 1.2A—28 AWG; 1.8A—26 AWG  
 3.0A—24 AWG; 3.0A—22 AWG  
 Contact Resistance: 15mΩ max.  
 Dielectric Withstanding Voltage: 1500V  
 Insulation Resistance: 10,000 MΩ2 min.

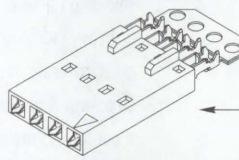
**Mechanical**  
 Contact Retention to Housing: 17.79N (4 lb) min. for 15 sec  
 Mating Force: Gold—3.08N (0.70 lb) per circuit;  
 Tin—4.15N (0.93 lb) per circuit  
 Unmating Force: Gold—6.5N (1.5 lb) per circuit;  
 Tin—2.47N (0.55 lb) per circuit  
 Durability: Gold—50 cycles; Tin—25 cycles

**Physical**  
 Housing: Black glass-filled polyester, UL 94V-0  
 Contact: Phosphor Bronze  
 Plating: See Table  
 Operating Temperature: -40 to +105°C  
 Insulation and Wire Gauge Range: .053" max. with 22 to 28 AWG stranded discrete wire or flat ribbon cable  
 Pin Height: 300" max. to 280" min. (measured from top of housing or PCB to top of pin)

molex® 2.54mm (.100") Pitch

SL™  
 Insulation Displacement  
 Connector Assembly

70475  
 Male, Single Row  
 Version D, Back Ribs



Pitch

Product Name

Application/Product Type

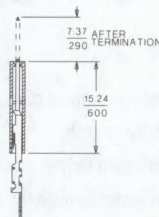
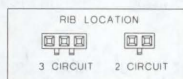
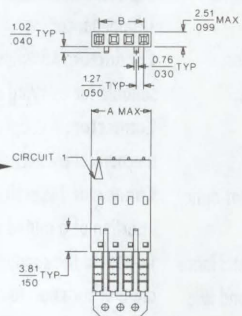
Series (Engineering) No.

Product Description

Isometric Drawing

Special Note

### CATALOG DRAWING (FOR REFERENCE ONLY)



Not For Use With C-Grid III™ Components

Wire Gauge Chart	
Code Stamped on Terminals	Wire Gauge (AWG)
A	24
B	26
C	28
D	22

Note: 2 circuit housings are preloaded in pairs

Plating Code (Strip on Carrier Strip)	
Plating	Color
Tin/Lead	None
15µ" Gold	Yellow
30µ" Gold	Red

Delivered on a carrier with 20 pieces per strip.

Actual Size Universal Polarizing Pin  
 40713-1  
 Order No. 15-04-0292

### ORDERING INFORMATION AND DIMENSIONS

Circuits	Dimension	
	A	B
2	5.05 (1.99)	2.54 (1.00)
3	7.59 (2.99)	5.08 (2.00)
4	10.13 (3.99)	7.62 (3.00)
5	12.67 (4.99)	10.16 (4.00)
6	15.21 (5.99)	12.70 (5.00)
7	17.75 (6.99)	15.24 (6.00)
8	20.29 (7.99)	17.78 (7.00)
9	22.83 (8.99)	20.32 (8.00)
10	25.37 (9.99)	22.86 (9.00)
11	27.91 (10.99)	25.40 (1.00)
12	30.45 (11.99)	27.94 (1.10)
13	32.99 (12.99)	30.48 (1.20)

Circuits	Dimension	
	A	B
14	35.53 (1.399)	33.02 (1.300)
15	38.07 (1.499)	35.56 (1.400)
16	40.61 (1.599)	38.10 (1.500)
17	43.15 (1.699)	40.64 (1.600)
18	45.69 (1.799)	43.18 (1.700)
19	48.23 (1.899)	45.72 (1.800)
20	50.77 (1.999)	48.26 (1.900)
21	53.31 (2.099)	50.80 (2.000)
22	55.85 (2.199)	53.34 (2.100)
23	58.39 (2.299)	55.88 (2.200)
24	60.93 (2.399)	58.42 (2.300)
25	63.47 (2.499)	60.96 (2.400)

Wire Accommodation (AWG)	Order No.		
	15µ" Gold	30µ" Gold	150µ" Tin/Lead
28	14-44-21XX	14-44-49XX	14-45-18XX
26	14-44-16XX	14-44-29XX	14-45-06XX
24	14-44-12XX	14-44-25XX	14-45-02XX
22	14-44-53XX	14-44-54XX	14-44-52XX

Features and Benefits

Reference Information

Orthographic Drawing

Ordering Information/  
 Dimensions Table

Important Notes

\* US Standard Product, available through Molex franchised distributors  
 Housing version D mates with female connectors when used in panel mount

MX01

C-27

## DESCRIPTIONS

### Features and Benefits

Pertinent product features with specific benefits

### Reference Information

Includes packaging information, agency approvals, mating information and the units of measure in which the product was originally designed

### Specifications

Electrical, mechanical and physical product attributes (maximum or minimums given). Specifications are usually per circuit and temperature refers to operating temperature.

### Pitch

Most sections are organized by pitch, or centerline, smallest to largest. Conversion given for reference only. See reference information for original unit of measure.

### Product Name

Molex Product Name Index located on page xii

### Product Type/Application

Quick reference for product identification

### Series (Engineering) No.

If you have a product series number, use the series number index to find the correct catalog page.

### Product Description

Differentiating characteristics

### Isometric Drawings

Basic three-dimensional product views

### Orthographic Drawings

Two-dimensional product drawings

All dimensions are millimeters over inches unless otherwise noted. The catalog drawing provides only basic dimensional information. Go to <http://www.molex.com> or contact your local Molex sales representative or office for more complete and up-to-date detail drawings.

### Ordering Information/Dimensions Table

Molex has standardized the information in the dimensions table to reflect millimeters followed by inches. (Usually, A= overall length, B= first to last circuit.) An X in the order number indicates a variable; the X should be replaced with a number when ordering.

**A**

**Absorption:** 1) The amount of moisture a substance will assimilate and retain. 2) The dissipation of energy by radiation passing through a medium.

**Accelerated Aging:** A test in which voltage, temperature and other parameters are increased above normal operating values to obtain observable deterioration in a relatively short period of time.

**Accessories:** Mechanical devices, such as cable clamps, added to connectors, and other such attachable hardware that makes up the total connector configuration.

**Actuating Force:** The force required to move the actuator to the switch operating position.

**Adapter:** An intermediate device that attaches special accessories and provides for special mounting.

**Admittance:** The ease with which an alternating current flows in a circuit. The reciprocal of impedance.

**Alloy:** A combination of two or more elements of which at least one is a metal.

**Ampere:** A standard unit of current. Designated as the amount of current that occurs when one volt of emf is applied across one ohm of resistance. An ampere of current is produced by one coulomb of charge passing a point in one second.

**Attenuation:** Power or signal strength loss in an electrical system. Decrease in power expressed in decibels (dB).

**Axial Displacement:** Incremental difference between an initial position and a final position resulting from a force applied along the component's axis.

**B**

**Back Mounted:** When a connector is mounted from the inside of a panel or box with its mounting flanges inside the equipment.

**Backplane:** 1) Another name in high-end applications for motherboard. 2) The backbone of a "bus" system serving as a contact plane for signal and power lines.

**Bandwidth:** The amount of data that can be sent through a network connection, measured in bits per second (bps).

**Barrel:** The back end portion of a terminal or contact that is crimped to the conductor or insulation or both.

**Bellmouth:** Flared or a tapered entrance to a connector crimp barrel permitting an essentially smooth stress transition zone between the highly compressed, crimped wire within the barrel and the wire (uncompressed, uncrimped) outside of the barrel, thus preventing micro-cracking of both the barrel and the wire.

**Bend Radius:** The radius of bend that a fiber optic cable can follow without any adverse effect in attenuation or breakage.

**Bifurcated Contact:** Spring contact that has been split lengthwise to provide two independent contact surfaces. This redundancy assures two points of contact with the mating conductor element.

**Blind Mating:** A term describing the mating of rack-and-panel connectors via guide or key pins that ensure correct alignment of the connector halves during mating.

**Board-In Connector:** A type of connector that accepts cable at one end and connects to an IC socket or directly to the PC board at the other end.

**Bonded Cable:** Round PVC insulated conductors that are placed side by side and chemically joined in a single plane.

**Boot:** 1) A form placed around wire termination of a multiple-contact connector to hold the liquid potting compound before it hardens. 2) A protective housing, usually made from a resilient material, that prevents moisture entry into a connector.

**Braid:** Woven bare metallic or tinned copper wire used as shielding for wires and cables and as ground wire for batteries or heavy industrial equipment. Also a woven fibrous protective outer covering over a conductor or cable.

**Brazing:** A group of welding processes in which the filler is a nonferrous metal or alloy with a melting point greater than 1000 degrees Fahrenheit, but lower than that of the metals or alloys to be joined. Brazing is sometimes referred to as hard soldering.

**Bulkhead Connector:** Type of connector designed for insertion into a panel cutout from the component side.

**C**

**Cable:** An assembly of one or more conductors or fiber optic strands within a protective sheath.

**Cable Pierce:** A termination technique in which a metal lance or fine in the terminal passes through the insulation and into the conductive strands.

**Cantilevered Contact:** A spring contact in which one or more cantilevered springs provide the contact force.

**Capacitance:** The ability of a dielectric material between conductors to store an electrical charge when a voltage difference exists between conductors.

**Centerline Spacing:** See Pitch.

**Chamfer:** Angle on the inside edge of the barrel entrance of a terminal or connector housing that permits easier insertion of the cable into the barrel or of a plug into a receptacle.

**Characteristic Impedance:** The impedance that, when connected to the output terminals of a transmission line of any length, makes the line appear infinitely long. The ratio of voltage to current at every point along a transmission line on which there are no standing waves.

**Circuit:** A conductive channel through which electrical current flows (in a closed loop termed closed-circuit) or through which light energy flows.

**Cladding:** In fiber optics, a low refractive index that surrounds the fiber core and provides optical insulation and protection of the core.

**Coaxial Cable:** 1) A cable consisting of two cylindrical conductors with a common axis. 2) A cylindrical transmission line comprised of a conductor centered inside a metallic tube or shield, separated by a dielectric material, and usually covered by an insulating jacket.

**Coined Tips:** Pin tips on header pins that have a smooth surface designed to eliminate the damage that can be caused by the housetop pins used by some Molex competitors.

**Compliant Pin Press-fit Technology:** A solderless termination technique for PCB connectors in which the compliant area of the pin conforms to the shape of the PCB hole.

**Component Density:** The quantity of components on a printed circuit board per unit area.

**Compression Terminal:** Terminal crimped by an externally applied force; the conductor is also crimped by such force inside the tube-like terminal body.

**Concentricity:** In a wire or cable, the measurement of the location of the center of the conductor with respect to the geometric center of the circular insulation.

**Conductivity:** A material's ability to conduct electric current expressed in terms of the current per unit of applied voltage or  $1/\text{impedance}$ .

**Conductor:** An insulated wire or combination of wires suitable for carrying electric current.

**Connector:** A coupling device that provides an electrical and mechanical connection or disconnection between two circuits.

**Connector Insertion Loss:** The loss of power due to insertion of a mated connector onto a cable.

**Contact:** The conducting part of a connector that acts with another such part to complete or break a circuit. Also known as terminals.

**Contact Bounce:** The momentary rebounding occurring between two contact surfaces before they attain firm closure in a switch or keypad.

**Contact Capacitance:** The capacitance that exists between two open contacts in a switch or keypad.

**Contact Durability:** Endurance measured by the number of insertion and withdrawal cycles that a connector withstands while remaining within its specified electrical and mechanical performance levels.

**Contact Force:** See Normal Force.

**Contact Insertion Force:** The amount of force required to insert a contact into the connector housing.

**Contact Pressure:** The force that mating surfaces exert against each other.

**Contact Rating:** The maximum and minimum voltage, current and power that a contact system is capable of carrying under certain specified conditions.

**Contact Resistance:** Maximum permitted electrical resistance of pin and socket contacts when assembled in a connector under typical service use.

**Contact Retention:** Defines the minimum axial load in either direction that a contact must withstand while remaining firmly seated in its normal position in the connector housing.

**Continuity:** A continuous path for the flow of current in an electrical circuit.

**Coplanarity:** 1) In general, the levelness of the terminals.  
2) The maximum distance between the lowest and highest SMT solder tail when the connector rests on a perfectly flat surface.

**Coupler:** 1) A component that transfers energy from one circuit to another. 2) An optical component that interconnects three or more optical conductors.

**Coupling Ring:** A device used on cylindrical connectors to lock a plug and receptacle together. It may or may not make the connector easier to mate/unmate.

**Current:** A movement of electrons, either positive or negative ions, or holes. The rate of transfer of electricity from one point to another. Current is usually measured in amperes.

**Current Carrying Capacity:** The maximum current an insulated conductor can safely carry without exceeding its insulation and jacket temperature limitations.

**Current Rating:** Maximum current that a device is designed to conduct for a specified time at a specified operating temperature.

## D

**Daisy Chain:** Two or more connectors terminated on the same cable. Each connector shares the same electrical path but provides independent signal distribution.

**Daughterboard:** Usually a smaller P.C. board that connects in the vertical plane to the main motherboard.

**Decibel (dB or db):** In fiber optics, the standard unit used to express gain or loss of optical power.

**Dielectric:** Non-conducting barriers that protect individual conductors from accidental contact with other conductors (a "short circuit") and allow uninterrupted flow or current.

**Dielectric Strength:** The maximum voltage that a dielectric material can withstand, under specified conditions, without rupturing. It is usually expressed in volts/unit thickness.

**Dielectric Withstanding Voltage:** Maximum potential gradient that a dielectric material can withstand without failure.

**Discontinuity:** A broken connection, or the loss of a specific connection characteristic.

**Discrete Wire:** A single cable or wire. Contrast it to ribbon cable, which consists of multiple cables or wires.

**Disengagement Force:** See Withdrawal Force.

**Dual Beam:** A type of stamped-and-formed contact where the female contact holds the male contact between two beams.

**Duplex:** A duplex cable contains two fibers; a duplex connector links two pairs of fibers.

**Durability:** See Contact Durability.

## E

**Eagle:** A wing shaped device to hold cables prior to and after final termination into some IDT connectors.

**Edge Connector:** A one-piece receptacle, containing female contacts, designed to receive the edge of a printed circuit board. Usually used to connect a daughter card to a motherboard. Also called Card Edge Connector.

**Electromagnetic:** Pertaining to the combined electric and magnetic fields associated with movements of electrons through conductors.

**Electromagnetic Interference (EMI):** Electromagnetic waves that interrupt signals in electronic equipment.

**Engagement and Separation Force:** The amount of force needed to engage (mate) and/or separate (unmate) contact elements in mating connectors. Force levels vary with circuit size. Total connector engagement force is approximated by multiplying the number of circuits in the housing by the per circuit engagement (mating) force.

**Epoxy:** A family of thermosetting resins used in the packaging of semiconductor devices. Epoxies form a chemical bond to many metal surfaces.

## F

**Farad (F):** A unit of capacitance equal to that of a capacitor that will accumulate a charge of 1 coulomb when a potential difference of 1 volt is applied to it.

**Feed Through:** 1) A conductor that connects patterns on opposite sides of a printed circuit board. Also called interfacial connection. 2) A connector or terminal block, usually having double-ended terminals that permit simple distribution and bussing of electrical circuits. Also used to describe a bushing in a wall or bulkhead separating compartments at different pressure levels with terminations on both sides.

**Ferrule:** 1) A short tube used to make solderless connections to shielded or coaxial cable. Also molded into the plastic inserts of multiple contact connectors to provide strong, wear-resistant shoulders on which contact retaining springs can bear. 2) A mechanical fixture used to confine and align the stripped end of a fiber in a fiber optic connector.

**Fiber Optic:** The technology of active and passive guidance of optical radiation along optical conductors. A method of transmitting light signals through cables made of either plastic or glass.

**First Mate Last Break (FMLB):** A connector design in which power contacts engage before signal contacts when two connector halves are mated. FMLB prevents damage to electrical circuitry in the system by having the ground pin mate first.

**Fitting Nails:** Connector component that increases the mechanical retention of the component to the PCB by increasing solder area.

**Flammability:** The measure of the material's ability to support combustion.

**Flange:** A projection extending from or around the periphery of a connector and provided with holes to permit mounting the connector to a panel or to another mating connector half.

**Flat Flex Cable (FFC):** Any cable with two smooth or corrugated, but essentially flat, surfaces. A cable with two or more flat conductors. Flat conductor flexible cables have rectangular, rather than round, cross sections.

**Flexible Printed Circuitry (FPC):** 1) Printed, etched, laminated, conductive-ink circuits. 2) Circuits made from flat flexible cable and directly attached components.

**Flex Life:** The ability of a conductor or cable to withstand repeated bending.

**Frequency:** The number of times a periodic action occurs in a unit of time. The number of cycles that an electric current completes in one second.

## G

**Gang Disconnect:** A connector that permits the rapid and simultaneous connection and disconnection of two or more electrical circuits.

**Gas Tightness:** The characteristic of a contact which is impervious to ingress by corrosive gases.

**Gauge:** A term used to denote the physical size of a wire.

**Gigabit Ethernet:** A Local Area Network (LAN) protocol that supports data transfer rates of 1 Gb/s.

**Grid:** An orthogonal network of two sets of parallel, equidistant lines used for locating points on a printed board. Connections should be located on the cross-points of the grid lines.

**Ground:** A common or reference point in an electrical circuit that can be earth ground and/or a chassis. It is with respect to this common point that all voltages are measured.

## H

**Harness:** A group of wires and cables, usually made with breakouts, which are tied together or pulled into a rubber or plastic sheath, and are used to interconnect electric circuits.

**Header:** The male connector assembly of a two-piece post-and-box connector attached to a PCB. Headers are available in two styles: shrouded and unshrouded.

**Heat Sink:** A device that radiates or draws heat away from a source, such as a transistor or power diode. Heat sinks are made of high-thermal-conductivity metals, usually aluminum.

**Hermaphroditic Connector:** An interconnecting device in which both mating parts are identical at their mating surfaces. Also a connector housing that accepts both male and female terminals.

**Hi Pot:** A dielectric strength test that tests the insulation between two circuits.

**Hot Pluggable:** Adding electronic components to a system (plugging) or removing electronic components from a system (unplugging) while the system is powered up (hot). Also known as live insertion or live mating.

**Hygroscopic:** Capable of absorbing moisture from the air.

## I

**Impedance:** The total opposition that a circuit offers to the flow of alternating current, or any other varying current, at a particular frequency.

**Inductance:** The property of a circuit or circuit element that opposes a change in current flow, causing current changes to lag behind voltage changes.

**Infrared Reflow Solder:** A soldering process in which heat from infrared radiation is used to melt solder paste between connector leads and PCB pads to make a solder joint.

**Insertion Force:** The force required to insert a connector housing into its final position in a printed circuit board or panel cutout.

**Insertion Loss:** 1) The loss in load power resulting from the insertion of a component, connector, or device. 2) A measure of the attenuation of a device by determining the output of a system before and after the device is inserted into the system.

**Insulation Displacement Technology (IDT):** A wire termination technique in which an insulated wire is pressed into a terminal slot smaller than the conductor diameter, displacing the insulation, and forming an electrical contact between the terminal and the conductor.

**Insulation Resistance:** The electrical resistance of the insulating material between any pair of contacts, conductors, or grounding devices in various combinations.

**Integrated Circuit (IC):** A circuit in which all components and their interconnections are fabricated on the same chip of semiconductor material and perform the function of an electronic circuit.

**Interference:** Disturbances of an electrical or electromagnetic nature that introduce undesirable responses into electronic equipment.

## J

**Jacket:** Outermost layer of insulating material of a cable or wire.

**Jackscrew:** A screw attached to one-half of a two-piece, multiple-contact connector and used to draw and secure both halves together and to separate them.

**Jumper Cable:** A short flat cable interconnecting two printed circuit boards or devices.

## K

**Keying:** A mechanical arrangement of inserts and/or shell configurations (referred to as clocking in some instances) that prohibits the mating of mismatched plugs and receptacles. This allows connectors of the same size to be lined up, side-by-side, with no danger of making the wrong connection.

**Kinked Tail:** Connector feature in which tails on the connector are formed into a bent shape to hold the connector securely in place before the soldering process.

## L

**Leakage:** The undesirable passage of current over the surface of, or through, an insulator.

**LED:** 1) Light Emitting Diode. A diode that emits light when a forward biased voltage is applied to its terminals. 2) In fiber optics, a device used in a transmitter to convert information from electric to optical form.

**Life Cycle:** A test to determine the length of time before failure in a controlled, usually accelerated, environment.

**Loop Resistance:** The total resistance of two conductors measured round trip from one end.

## M

**Mass Termination:** A termination method, typically used with discrete wire or ribbon cable, in which two or more insulated conductors are simultaneously terminated to the same connector housing. Termination method is typically insulation displacement.

**Mating/Unmating Force:** The amount of force, measured in grams or pounds, required to join or separate a mated plug and receptacle.

**Membrane Switch:** An insulating layer with openings sandwiched between two layers of thin film that contains silver screened contacts.

**Migration:** The movement of atoms or molecules of a metal from one location to another that changes the properties of the metal.

**MIL SPEC:** Specific manufacturing, testing, and packaging requirements set by the U.S. military as indicated on an item by a military identification or MIL SPEC number.

**Mismatch, Connector Impedance:** Terminal or connector with a different impedance than the circuit or cable it is designed for.

**Motherboard:** A printed circuit board that is generally the main PCB in a system.

**Multimode (Fiber Optic):** A fiber that supports the transmission of more than one mode of a given wavelength.

**Multiplexing:** Combining of information signals from several channels onto one single channel for transmission. The signals being multiplexed are transmitted over the single channel on a single frequency at different times (time division multiplexing) or on different frequencies at the same time (frequency division multiplexing).

## N

**Non-compliant Press-fit Technology:** A square pin pushed into a slightly undersized plated through hole on a PCB.

**Normal Force:** The force perpendicular to the contact interface. Does not include frictional forces, created from insertion to, or withdrawal from the connector housing.

## O

**Operating Temperature:** The maximum and minimum ranges of temperatures at which a device is designed to operate at its rated current and voltage.

## P

**Paddle Card:** A small printed circuit board that acts as an interposer for wire termination to a connector.

**Panel Mount:** Method of fixing a connector half to a cut out in a board, panel or frame.

**Parallel Bus:** A bus that transfers eight or more bits of data simultaneously through several parallel lines.

**Passive Device:** A static device that requires no power for its intended functions.

**PC Card:** A memory or I/O card that is compatible with PC card standards established by PCMCIA.

**Pitch:** The nominal distance from center-to-center of adjacent conductors.

**Plating:** The overlaying of a thin coating of metal on metallic components to improve conductivity, provide for easy soldering, or prevent rusting or corrosion.

**Polarization:** Mechanical guide arrangement in a connector housing, shell or insert that ensures that connector halves are correctly aligned before they can be fully mated.

**Polarizing Pin (Key):** A pin or keying device on one half of a two-piece connector that mates with an appropriate hole on the other half during connector assembly to assure that only related connector halves can be assembled.

**Positive Lock:** A type of latch or locking mechanism that holds a die set in an installation tool, or connector housing, so that the parts cannot be accidentally unlocked or unmated.

**Press-fit Contact:** An electrical contact that can be pressed into a hole in an insulator, PCB with plated through-holes, or a metal plate.

**Printed Circuit Board (PCB):** An insulating base material, usually of rosin polymer, onto which interconnecting conductive strips have been printed, usually via an etching process.

**Profile Height:** The height of a connector, when mated to its header, that is above the PCB.

## Q

**Quick Disconnect:** A type of connector shell that permits rapid locking and unlocking of two connector halves.

## R

**Rated Temperature:** The maximum temperature an electric component can operate at for extended periods without loss of its basic properties.

**Rated Voltage:** The maximum voltage an electric component can operate at for extended periods without undue degradation or causing a safety hazard.

**Real Estate:** Surface space on a PCB.

**Receptacle:** Usually the half of a two-piece multiple contact connector that contains the female contacts.

**Reflection:** Interference in signal transmission caused when a portion of a signal is directed backwards, in the direction from which the signal originated.

**Resistance:** Property of a conductor that determines the current produced by a given difference of potential.

**Ribbon Cable:** Flat cable with conductors that have been individually insulated.

**Rise Time:** A measurement of the time required for a signal waveform to rise from logic "0" to a logic "1".

**Round Conductor Flat Cable:** A cable made with parallel round conductors in the same plane.

## S

**Selective Plating:** The process of plating gold only in the mating areas (surfaces) of a contact.

**Separation Force:** See Engagement Force.

**Serial Bus Technology:** A bus design that uses one line to send data and another line to receive data. A serial bus sends data in a series, one bit at a time.

**Shield:** Device surrounding the portion of a connector that is used for attaching wires or cables to shield against radio frequency and electromagnetic interference, and/or protect connector wires or cable from mechanical damage.

**Shield Effectiveness:** The relative ability of a shield to screen out undesirable signals.

**Shielded Cable:** A cable in which a metallic layer is placed around a conductor or group of conductors to prevent electrostatic or electromagnetic interference between the enclosed wires and external fields. The shield may be the metallic sheath of the cable or a metallic layer inside of a non-metallic sheath.

**Short Circuit:** A break or interruption of current flow in an electrical circuit due to current shunted to a conjoining circuit.

**Shunt:** A device used to divert part of an electric current.

**Simplex:** Single element as in a single fiber cable or single fiber connector.

**Single Beam:** A stamped-and-formed contact where the female contact holds the male contact between itself and the housing wall.

**Single Mode Fiber:** A type of fiber optic cable that supports only a single mode of light at a specified bandwidth.

**Solder:** An alloy that melts at relatively low temperature, and which is used to join or seal metals with higher melting points. Commonly used for connector terminations.

**Spice Modeling:** Circuit response modeling and simulation per a given electrical excitation in order to judge the electrical and design capabilities of a system.

**Split Beam:** Spring contact that has been split lengthwise to provide two independent contact surfaces. This redundancy assures two points of contact with the mating conductor element.

**Stackable:** Refers to placing symmetrical housings (assemblies) side-by-side or end-to-end and where the distance from the last contact in one assembly to the first contact in the next assembly is equal to the distance between any two contacts in the assembly itself.

**Standoff:** Tiny spacers built into housings to raise the housing from the surface of a printed circuit board.

**Stiffener:** A device, generally made of metal, used to secure together components of a modular connector system.

**Straddle Mount:** A dual row, surface mount PC tail configuration that allows the printed circuit board to be inserted between two rows. The PC tail rows are then soldered to their respective sides of the printed circuit board.

**Strain Relief:** Technique involving methods of termination or installation, which reduces the transmission of mechanical stresses to the conductor termination.

**Strand:** One of the wires, or groups of wires, of any stranded conductor.

**Surface Mount Technology (SMT):** The electrical connection of components to the surface of a conductive pattern without using component holes.

**Surface Mount Compatible (SMC):** Through hole product made of high temperature material, thereby suitable for the IR reflow soldering process.

## T

**Tensile Strength:** Greatest longitudinal stress that a substance can bear without pulling apart.

**Terminal:** A device that terminates a conductor to a post, stud, chassis or another conductor, or the like, to establish an electrical connection.

**Termination Resistance:** The opposition to current flow due to the mating interface of a connector and a header or to another connector.

**Thermoplastic:** A type of plastic that can be re-melted a number of times without any important change in properties.

**Thermosetting Plastic:** A type of plastic in which an irreversible chemical reaction takes place while it is being molded under heat and pressure.

**Through-Hole Mounting:** Electrical connection of components through drilled holes rather than attachment directly to the insulating material.

**Tolerance:** The upper and lower limits of variation from a component's nominal value.

**Trifurcon™:** A variation of the Molex basic KK® type double cantilever terminal with two additional contact wings in the vertical plane from the main contact interface, for a total of three contact points.

**Twisted Pair:** A cable composed of two small gauge insulated conductors, twisted together without a common covering. The two conductors of a twisted pair are usually well insulated.

## U

**Unmating Force:** The force required to disconnect a male and female connector.

## V

**Void:** A hole in a header that does not have a pin/terminal for polarization purposes.

## W

**WDM:** Wavelength Division Multiplexer. A passive device that transmits signals at different wavelengths through the same fiber.

**Wire Pull Out:** The force required to separate a wire from a contact after termination.

**Withdrawal Force:** The force required to disconnect the two halves of a connector.

## Z

**ZIF:** Zero Insertion Force. Usually describes a socket which permits the insertion of the component without the socket exerting any force on the leads of the component.

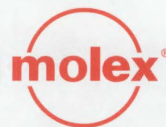
<i>Product Name</i>	<i>Section</i>	<i>Product Name</i>	<i>Section</i>	<i>Product Name</i>	<i>Section</i>
3-in-1 Combo Connectors	F	IEEE 1394	N	PC Card	M
Battery Connectors	F	Jumper Sockets	I	Perma-Seal®	U
Beau®	U	KK®	B, C, D, E, L	Phono Jack	N
Beauplug®	U	Leaf Style	N	Picoflex™	H
BNC	P	LFH™	N	Premo-Flex™	G
Cable Holders	I	LFH™ (Unshielded)	J	Pre-Notched Cable	H
Cardbus	M	MCX	P	QF 50™	H
Category 5	O	Membrane Switches	V	Range Receptacles	F
C-Grid®	C, E	Mezzanine IEEE 1386	A	Ribbon Cable Jumpers and Assemblies	H
C-Grid III™	C	MFB™ (Futurebus+)	J	RIMM	L
Circular DIN	N	Mi II™	B	RJ-11	O
Clascon™	F	Micro PGA	L	RJ-45	O
Cluster Block Connectors	F	MicroCross™ DVI and P&D	N	Round Conductor Flat Cable	H
Commercial Micro-D	N	Micro-Fit, 3.0™	F	S.O. DIMM	L
Compact PCI†	J	Micro-Fit 3.0, BMI™	F	Sabre™	F
Compact PCI Slot	L	Microminiature	A	SCA-2	K
CompactFlash	M	Milli-Grid™	B, E	SCSI+	N
COMPODRE™	F	Milli-Z™	R	SGRAM	L
D-50L	A	Mini Mi II™	A	Sherlock™	B
DDR DIMM	L	Mini PCI	O	SIMM	L
DIMM	L	Mini Splash Proof	T	SIP Sockets	L
DIN 41612/IEC 603-2	J	mini-B™	N	SL™	C, G, H
Disk Drive Power Connectors	F	Mini-DIN	N	SMA	P
Docking Station	N	Mini-Fit, BMI™	F	Small Form-Factor Pluggable (SFP)	K
DPS	F	Mini-Fit, CPI™	F	Smart Card/SIM Card Reader	M
D-Subminiature	N	Mini-Fit, HCST™	F	SMB	P
Easy-On™	G	Mini-Fit, IDT™	F	Splash Proof	T
EBBI™	K	Mini-Fit, Jr.™	F	SPOX™	B, D
Euromate®	U	Mini-Fit, SMC™	F	Standard .062"	F
Eurostyle®	U	Mini-Fit, Sr.™	F	Standard .093"	F
FCC 68	O	Mini-Fit, TPA™	F	Tab Style	T
Fibre Channel/Gigabit Ethernet	R	Mini-T	T	Tactile Domes	V
Flextran™	H	MLX	F	Transistor Sockets	L
GBIC	K	MMCX	P	Twin-Stack™	A
HCS-125	F	MPS	F	Ultra™ VHDCI	N
HDM/HDM <sup>Plus*</sup>	J	MultiMediaCard Connectors	M	Universal AGP Pro	L
HiSpec™ (Slot 2)	L	MUSIC™ (SSA/1394)	K	Universal Serial Bus (USB)	N
HiSpecGSTM	L	MZP™	J	User Friendly	B
HMC™	U	NexStep™	J	VHDM*	J
HTC™	U	OBD-II	T	Wire Traps	I
HyperJack™	O	Omnigrid®	J	ZIF PGA	L
IC Sockets	L	PanelMate™	A	Z-Zone™	R

**ABBREVIATIONS**

"	Inches	IDT	Insulation Displacement Technology	OTR	Offset Terminal Retention
'	Foot	kg	Kilograms	oz.	Ounces
μ"	Microinches	L	Liter	PCB	Printed Circuit Board
μm	Microns	lb	Pounds	PGA	Pin Grid Array
A	Amperes	LIF	Low Insertion Force	R	Radius
AWG	American Wire Gauge	mΩ	Milliohms	Ref.	Reference
CKT	Circuit	MΩ	Megohms	SMC	Surface Mount Compatible
B-to-B	Board-to-Board	m	Meter	SMT	Surface Mount Technology
DIA	Diameter	max.	Maximum	TYP	Typical
EDP	Electronic Data Processing Number	Mbps	Megabits per Second	UL	Underwriters Laboratories
FFC	Flat Flexible Cable	MBps	Megabytes per Second	V	Volts
FPC	Flexible Printed Circuitry	min.	Minimum	W-to-B	Wire-to-Board
g	Grams	mm	Millimeters	W-to-W	Wire-to-Wire
Gbps	Gigabits per Second	N	Newton	ZIF	Zero Insertion Force
Hz	Hertz	No.	Number	ZIP	Zig-Zag Inline Package

\* HDM, HDM<sup>Plus</sup> and VHDM are trademarks of Teradyne, Inc.

† Compact PCI is a registered trademark of the PCI Industrial Computer Manufacturers Group



# SMT and Surface Mount Compatible Product Index

This index lists the SMT and Surface Mount Compatible products in this catalog. Molex does, however, have other SMT and Surface Mount Compatible products available. To obtain information on these products, contact Molex directly.

SMT (Surface Mount Technology) indicates that the product is designed to be soldered to the pads of a printed circuit board (no holes have to be drilled in the printed circuit board). An "SMT connector" has tails/leads designed to be soldered to these pads and the material of the housing can withstand the high-temperature surface mount process.

A Surface Mount Compatible connector is a conventional "through hole" connector with a high temperature material housing that is able to withstand the higher reflow soldering heat generated in the surface mount process. In other words, the tails/leads are not designed to be soldered to pads directly on the board. Holes need to be drilled in the printed circuit board and plated for the through hole soldering process. Generally, solder paste is applied to the plated through holes. The connector may be on a board with SMT components.

## SMT PRODUCT INDEX

### 0.40 to 1.60mm (.016 to .063") Pitch PCB and Wire Connectors

#### Stacking Connectors—0.40mm (.016") Pitch

54518	Vertical Receptacle	A-2
55372	Vertical Plug	A-3
54796	Vertical Receptacle	A-4
55622	Vertical Plug	A-5
54477	Vertical Receptacle	A-6
55339	Vertical Plug	A-7
54552	Right Angle Receptacle	A-8
55394	Right Angle Plug	A-9

#### Stacking Connectors—0.50mm (.020") Pitch

54037/54137	Vertical Receptacle	A-11
53794/53929	Vertical Plug	A-12
52974	Vertical Receptacle	A-13
53729	Vertical Plug	A-14
54363	Vertical Receptacle Housing	A-15
55201	Vertical Plug	A-16
55299	Vertical Plug	A-17
54102	Vertical Receptacle Housing	A-18
53885	Vertical Plug	A-19
54150	Vertical Receptacle Housing	A-20
53949	Vertical Plug	A-21
52991	Vertical Receptacle	A-22
53748	Vertical Plug	A-23
54167	Vertical Receptacle	A-24
53916	Vertical Plug	A-25
54206	Vertical Receptacle Housing	A-26
55018	Vertical Plug	A-27
54450	Vertical Receptacle	A-28
55306	Vertical Plug	A-29
54230	Vertical Receptacle Housing	A-30
55055	Vertical Plug	A-31
54124	Vertical Receptacle	A-32
53887	Vertical Plug	A-33
87577	Receptacle	A-34
87579	Plug	A-35

#### Stacking Connectors—0.635mm (.025") Pitch

52921	Vertical Receptacle	A-37
53671	Vertical Plug	A-38
52851/52883	Vertical Receptacle	A-39
53569/53623	Vertical Plug	A-40
52760/52885	Vertical Receptacle	A-41
52837/52901	Vertical Receptacle	A-42
53475/53643	Vertical Plug	A-43
53467/53645	Vertical Plug	A-44
53481/53625	Vertical Plug	A-45
53551/53647	Vertical Plug	A-46
53553/53627	Vertical Plug	A-47

#### Twin-Stack™—0.635mm (.025") Pitch

52855	Vertical Receptacle	A-49
53583	Vertical Plug	A-50
52770	Vertical Receptacle	A-51
53486	Vertical Plug	A-52
52910	Vertical Receptacle	A-53
53654	Vertical Plug	A-54
53656	Vertical Plug	A-55

#### Tin-Plated Connectors—0.80mm (.031") Pitch

52465	Receptacle	A-57
52588	Floating-Type Receptacle	A-58
53307	Vertical Header	A-59
53364	Vertical Header	A-60
53353	Vertical Header	A-61
53309	Right Angle Header	A-62

#### Stacking Connectors—1.00mm (.039") Pitch

52584	Vertical Receptacle	A-64
53395	Vertical Plug	A-65
53396	Vertical Plug	A-66
52602	Vertical Receptacle	A-67
53397	Vertical Plug	A-68
53408	Vertical Plug	A-69

#### Mezzanine IEEE 1386—1.00mm (.039") Pitch

71439	Vertical Receptacle	A-71
71436	Vertical Plug	A-72
71742	Vertical Receptacle	A-73
71741	Vertical Plug	A-74

#### One-Piece Compression Connectors

54436	1.00mm (.039") Pitch, 0.60 mm (.024") Height	A-75
54546	1.20mm (.047") Pitch, 2.10 mm (.083") Height	A-76
54612	1.40mm (.055") Pitch, 0.40 mm (.016") Height	A-77

#### Radial Tape Connectors—1.25mm (.049") Pitch

52565	Receptacle	A-79
53339	Header	A-80

#### D-50L Leaf-Type Connectors—1.27mm (.050") Pitch

52326/52368	Vertical Receptacle	A-82
52409/52410	Right Angle Receptacle	A-83
52411/52340	Vertical Header	A-84
52327/52412	Right Angle Header	A-85

#### 1.50mm (.059") Pitch Connectors

52022	Vertical Receptacle	A-86
53020	Right Angle Header	A-87
52024	Vertical Receptacle	A-88
53022	Vertical Header	A-89
52906	Vertical Receptacle	A-90

53652	Flexible Header	A-91
-------	-----------------	------

#### Panel Detachable Connectors—1.00mm (.039") Pitch

54462	Receptacle	A-92
55323	Header	A-93

#### Panel Detachable Connectors—1.60mm (.063") Pitch

54092	Right Angle Receptacle	A-94
53866	Header	A-95
52712	Right Angle Receptacle	A-96
53440	Vertical Plug	A-97

#### PanelMate™—1.25mm (.049") Pitch

55063	Right Angle Header	A-103
53779	Right Angle Header	A-104
53780	Right Angle Header	A-105
55178	Right Angle Shielded Header	A-106
55177	Right Angle Shielded Header	A-107
55176	Right Angle Shielded Header	A-108

#### Mini Mi II™—1.25mm (.049") Pitch

54596	Receptacle	A-109
54597	Clip	A-110
55447	Vertical Header	A-111
55454	Right Angle Header	A-112
55451	Vertical Header	A-113

#### Dual Row Connectors—1.25mm (.049") Pitch

53505	Vertical Header	A-116
53398	Vertical Header	A-121
53261	Right Angle Header	A-122

#### Wire-to-Board Connectors—1.50mm (.059") Pitch

87437	Vertical Shrouded Header	A-130
87438	Right Angle Shrouded Header	A-131

### 2.00 to 2.50mm (.079 to .098") Pitch PCB and Wire Connectors

#### Milli-Grid™—2.00mm (.079") Pitch

79109	Vertical Receptacle	B-9, B-10
87368	Side Entry Receptacle	B-13
87263	Bottom Entry Receptacle	B-14
87381	Top Entry Receptacle	B-15
87340	Top Entry Receptacle	B-16
87267	Vertical Header	B-20
87332	Shrouded Header	B-23

#### Mi II™—2.00mm (.079") Pitch

55460	Vertical Header	B-33
-------	-----------------	------

#### Panel Detachable—2.20mm (.086") Pitch

53533	Header	B-92
-------	--------	------

**2.54mm (.100") Pitch PCB and Wire Connectors**

<i>C-Grid®</i>		
71308	Vertical Breakaway Header	C-52
71349	Vertical Shrouded Header	C-63, C-64
71395	Vertical PCB Connector	C-78
71979	Right Angle Receptacle	C-79

**3.00 to 7.92mm (.118 to .312") Pitch  
PCB and Wire Connectors**

<i>One-Piece Compression Connectors—3.70mm (.146") Pitch</i>		
54629	2.85mm (.112") Height	D-110
54743	3.90mm (.154") Height	D-111

**Custom Headers**

<i>Milli-Grid™—2.00mm (.079") Pitch</i>		
68329	Header	E-3
68333	Header	E-3

**Power Connectors**

<i>Mini-Fit, IDT™—4.20mm (.165") Pitch</i>		
71232	Vertical Header	F-58
71234	Right Angle Header	F-60

<i>Disk Drive Power Connection System—5.08mm (.200") Pitch</i>		
8981	Right Angle Header	F-109

<i>Micro-Fit, 3.0™—3.00mm (.118") Pitch</i>		
43650	Vertical and Right Angle Headers	F-120 to F-124
43045	Vertical and Right Angle Headers	F-128, F-129, F-131, F-132

<i>Battery Connectors—3.90mm (.153") Pitch</i>		
94337	Battery Connector	F-174
94334	Battery Connector	F-175

<i>3-in-1 Combo Connectors</i>		
87360	Right Angle	F-203
87520	Right Angle Reverse Face	F-204

**FFC/FPC Connectors**

<i>Easy-On™—0.30mm (.012") Pitch</i>		
54393	Right Angle ZIF	G-4

<i>Easy-On™—0.50mm (.020") Pitch</i>		
52892	Right Angle ZIF	G-5
52893	Right Angle ZIF	G-6
35863	Right Angle ZIF	G-7
35854	Right Angle ZIF	G-8

<i>ZIF Connectors—0.50mm (.020") Pitch</i>		
52745	Right Angle	G-9
52435	Right Angle	G-10
52746	Right Angle	G-11
52437	Right Angle	G-12
54104	Right Angle	G-13
54132	Right Angle	G-14
52559	Vertical	G-15

<i>Non-ZIF Connectors—0.50mm (.020") Pitch</i>		
52975	Right Angle	G-16
52976	Right Angle	G-17
52689	Right Angle	G-18

<i>ZIF Connectors—0.625mm (.0246") Pitch</i>		
52204	Right Angle	G-19
52396	Right Angle	G-20
52205	Vertical	G-21

<i>0.80mm (.031") Pitch</i>		
52557	Right Angle Connector	G-22

<i>ZIF Connectors—1.00mm (.039") Pitch</i>		
52207	Right Angle	G-23
52271	Right Angle	G-24
52610	Vertical	G-25

<i>Non-ZIF Connectors—1.00mm (.039") Pitch</i>		
52793	Right Angle	G-26
52852	Right Angle	G-27
52808	Vertical	G-28

**Ribbon Cable Systems**

<i>Picoflex™ PF-50—1.27mm (.050") Pitch</i>		
90814	Header	H-5

**Storage Network Interconnects**

<i>Small Form-Factor Pluggable (SFP)—0.80mm (.031") Pitch</i>		
74441	Right Angle Receptacle	K-5

<i>EBBI™—1.27mm (.050") Pitch</i>		
71743	Vertical Receptacle	K-12
71744	Vertical Receptacle	K-13
71660	Vertical Receptacles	K-23, K-25
71661	Right Angle and Vertical Plugs	K-26 to K-29

<i>MUSIC™ SSA/1394—1.27mm (.050") Pitch</i>		
71264	Vertical Receptacle	K-32

**Sockets and Edge Card Connectors**

<i>S.O. DIMM—0.80mm (.031") Pitch</i>		
74398	Angle Socket	L-18
54142	Right Angle Socket	L-19
54144	Right Angle Socket	L-20
54432	Right Angle Socket	L-21

<i>SGRAM—0.80mm (.031") Pitch</i>		
54189	Right Angle Socket	L-22

<i>SIMM—1.27mm (.050") Pitch</i>		
78968	Right Angle Socket	L-33, L-34

<i>Micro PGA—1.27mm (.050") Pitch</i>		
54565	ZIF Socket	L-37

<i>SIP Sockets</i>		
94123	Bottom Entry Socket	L-39, L-40
94125	Bottom Entry Socket	L-41, L-42

<i>Edge Card Connector—0.80mm (.031") Pitch</i>		
35884	Vertical	L-47

**Memory Card Systems**

<i>CF Card—CompactFlash</i>		
55244	Right Angle Header	M-3
55358	Right Angle Header	M-5
55359	Right Angle Header	M-6
67155	Right Angle Headers	M-11, M-12
53856	Right Angle Header	M-13
53927	Right Angle Header	M-14

<i>PC Card</i>		
67114	Receptacle	M-20
67130	Right Angle Headers	M-25, M-26, M-29
53524	Right Angle Header and Ejector	M-27
53514	Right Angle Header and Ejector	M-28
67232	Right Angle Header	M-30
55155	Reverse Mount Header and Ejector	M-33
55157	Reverse Mount Header and Ejector	M-34
55186	Top Mount Header	M-35
55150	Top Mount Header and Ejector	M-37
Type II Card Kit . . . Frames . . . M-38		

<i>MultiMediaCard Connectors—2.50mm (.098") Pitch</i>		
54674	Right Angle Connector	M-41
68156	Right Angle, Reverse Mount	M-42

<i>2.54mm (.100") Pitch</i>		
94301	Smart Card Reader	M-43
94303	SIM Card Reader	M-44

**I/O Connectors**

<i>IEEE 1394</i>		
54515	Right Angle PCB Socket	N-3
54030	Right Angle PCB Socket	N-5
53462	Right Angle PCB Socket	N-9
53984	Right Angle PCB Socket	N-10
53460	Right Angle PCB Socket	N-11
55395	Right Angle PCB Socket	N-12

<i>Universal Serial Bus (USB)</i>		
54366	Receptacle	N-19
54819	Receptacle	N-33

<i>Docking Station—0.80mm (.031") Pitch</i>		
54075	Vertical Receptacle	N-123
53751	Vertical Plug	N-124
54238	Vertical Receptacle	N-125
54390	Vertical Receptacle	N-126
54110	Vertical Receptacle	N-127
53891	Vertical Plug	N-128

<i>Leaf-Style Contact—1.00mm (.039") Pitch</i>		
52629	Right Angle Receptacle	N-147
54397	Right Angle Receptacle	N-148

<i>Leaf-Style Contact—1.27mm (.050") Pitch</i>		
52871	Vertical Receptacle	N-150
52311	Right Angle Receptacle	N-152

<i>Mini-DIN</i>		
87391	Receptacle	N-168

**Modular Plugs and Jacks**

<i>Right Angle</i>		
85543	Jack	O-11
43743	Jack	O-15
44144	Jack	O-16
85502	Jack	O-17, O-18
85542	Jack	O-19
95040	Jack	O-20
43841	Jack	O-21
44193	Jack	O-22
95122	Jack	O-23

<i>Vertical</i>		
85510	Jack	O-52
95003	Jack	O-53
85513	Jack	O-54





## SURFACE MOUNT COMPATIBLE PRODUCT INDEX

### 2.00 to 2.50mm (.079 to .098") Pitch

#### PCB and Wire Connectors

##### Milli-Grid™—2.00mm (.079") Pitch

79107	Vertical Receptacle	B-7
79108	Vertical Receptacle	B-8
87380	Vertical Receptacle	B-11
87264	Side Entry Receptacle	B-12
87089	Vertical Header	B-19
87331	Shrouded Vertical Header	B-22
87333	Shrouded Right Angle Header	B-24

#### 2.54mm (.100") Pitch PCB and Wire Connectors

##### SL™

70543	Vertical Shrouded Header	C-36
70541	Vertical Shrouded Header	C-37
70545	Vertical Shrouded Header	C-38
70553	Right Angle Shrouded Header	C-39
70551	Right Angle Shrouded Header	C-40
70555	Right Angle Shrouded Header	C-41
74190	Vertical, Right Angle Headers	C-43, C-44
70563	Vertical Shrouded Header	C-45
70575	Right Angle Shrouded Header	C-46

##### C-Grid®

70280	Vertical Header	C-49
71764	Right Angle Header	C-50
70567	Vertical Header	C-61
70568	Vertical Header	C-62
71850	Vertical Header	C-77

##### KK®

42375	Vertical Breakaway Header	C-119
42377	Right Angle Breakaway Header	C-120
42376	Right Angle Breakaway Header	C-121
42625	Right Angle PCB Connector	C-137
42625	Top Entry PCB Connector	C-139
42625	Bottom Entry PCB Connector	C-141

#### Custom Headers

##### Milli-Grid™—2.00mm (.079") Pitch

68328	Vertical Through Hole Header	E-3
68365	Vertical SMT Header	E-3
68332	Vertical Through Hole Header	E-3
68366	Vertical SMT Header	E-3

#### Power Connectors

##### Mini-Fit, Sr.™—10.00mm (.393") Pitch

42819	Vertical Header	F-8
42820	Right Angle Header	F-9
43915	Vertical Header	F-12

##### Sabre™—7.50mm (.295") Pitch

43160	Vertical and Right Angle Headers	F-26, F-27
-------	----------------------------------	------------

##### Mini-Fit, Jr.™—4.20mm (.165") Pitch

87427	Vertical and Right Angle Headers	F-50, F-53, F-54
-------	----------------------------------	------------------

##### Mini-Fit, IDT™—4.20mm (.165") Pitch

71690	Plug	F-57
71231	Vertical Header	F-59
71233	Right Angle Header	F-61

##### Mini-Fit, SMC™—4.20mm (.165") Pitch

44068	Vertical Headers	F-82 to F-85
43810	Right Angle Headers	F-86 to F-89

##### Disk Drive Power Connection System—5.08mm (.200") Pitch

8981	Vertical Header	F-107
------	-----------------	-------

##### Micro-Fit, 3.0™—3.00mm (.118") Pitch

43650	Vertical and Right Angle Headers	F-119, F-122
43045	Vertical and Right Angle Headers	F-127, F-130

#### 3-in-1 Combo Connectors

87221	Straddle Mount Connector	F-202
87360	Right Angle	F-203
87520	Right Angle Reverse Face	F-204

#### FFC/FPC Connectors

##### Through Hole—1.00mm (.039") Pitch

71226	Vertical ZIF Connector	G-33
52807	Right Angle Connector	G-34
52806	Vertical Connector	G-35

#### Ribbon Cable Systems

##### Picoflex™ PF-50—1.27mm (.050") Pitch

90779	Header	H-6
-------	--------	-----

#### Backplane Connector Systems

##### NexStep™—0.50mm (.019") Pitch

74210	Vertical Edge Card Connector	J-2
-------	------------------------------	-----

##### VHDM\*—2.00mm (.079") Pitch

74031	Right Angle Daughtercard Receptacle	J-9
74026	Right Angle Daughtercard Receptacles	J-11, J-18
74057	Vertical Backplane Header	J-12
74058	Vertical Backplane Header	J-13
74059	Vertical Backplane Header	J-14
74041	Right Angle Daughtercard Receptacle	J-16

74060	Vertical Backplane Header	J-19
74061	Vertical Backplane Header	J-20
74062	Vertical Backplane Header	J-21

##### HDM\*—2.00mm (.079") Pitch

73632	Right Angle Daughtercard Receptacles	J-29, J-30
73651	Right Angle Daughtercard Power Module	J-31

73642/73942	Vertical Backplane Header	J-33
73643/73943	Vertical Backplane Header	J-34
74349	Vertical Backplane Header	J-35
73644	Vertical Backplane Header	J-36
73944	Vertical Backplane Header	J-37
73656/73659	Vertical Backplane Power Module	J-38
73800	Vertical Midplane Header	J-39
73801	Vertical Midplane Header	J-40
73802	Vertical Midplane Header	J-41
73797	Vertical Midplane Header	J-42
73798	Vertical Midplane Header	J-43
73799	Vertical Midplane Header	J-44
73656	Vertical Midplane Power Module	J-45
73780	Vertical Daughtercard Receptacle	J-46
73769/73781	Vertical Stacking Header	J-47
73770/73782	Vertical Stacking Header	J-48
74428	Vertical Stacking Header	J-49
73783	Vertical Stacking Header	J-50
73771	Vertical Stacking Header	J-51

##### MZPT™—2.00mm (.079") Pitch

54457	Right Angle Receptacles	J-56, J-57, J-62
54457/54603	Right Angle Receptacle	J-59, J-60
54750	Right Angle Receptacles	J-65, J-66
54780	Right Angle Receptacle	J-67

##### LFH™ Matrix 75—1.90mm (.075") Pitch

71631	Vertical and Right Angle Receptacles	J-181, J-182
71633	Vertical and Right Angle Plugs	J-183, J-184
71536	Vertical Receptacle	J-185
71537	Vertical Plug	J-186

\* HDM, HDM™ and VHDM are trademarks of Teradyne, Inc.



**Storage Network Interconnects**

*EBBI™—1.27mm (.050") Pitch*

71743	Vertical Receptacle	K-12
71744	Vertical Receptacle	K-13
71660	Vertical Receptacle	K-23, K-25
71661	Vertical and Right Angle Plugs	K-26 to K-29

*MUSIC™ SSA/1394—1.27mm (.050") Pitch*

71264	Vertical Receptacle	K-32
-------	---------------------	------

**Sockets and Edge Card Connectors**

*HiSpec™—0.762mm (.030") Pitch*

71109	Vertical Edge Card Connector	L-2, L-3
-------	------------------------------	----------

*HiSpecGSTM™—0.762mm (.030") Pitch*

74191	Vertical Edge Card Connectors	L-4 to L-6
-------	-------------------------------	------------

*ZIF PGA Socket—1.27mm (.050") Pitch*

89235	Socket	L-38
-------	--------	------

*Compact PCI\*—1.27mm (.050") Pitch*

89177	Vertical Edge Card Connectors	L-48, L-49
-------	-------------------------------	------------

**Memory Card Systems**

*CF Card—CompactFlash*

67005	Straddle Mount Header	M-22
-------	-----------------------	------

**I/O Connectors**

*IEEE 1394*

54516	Right Angle PCB Socket	N-4
54030	Right Angle PCB Socket	N-5
54818	Right Angle PCB Socket	N-6
54802	Right Angle PCB Socket	N-7
54775	Right Angle PCB Socket	N-8
53984	Right Angle PCB Socket	N-10
53460	Right Angle PCB Socket	N-11

*Universal Serial Bus (USB)*

54231	Bottom Flange Receptacle	N-18
89485	Right Angle Receptacle	N-20
67068	Right Angle Receptacle	N-25

*MicroCross™ DVI*

74320/71781	Vertical and Right Angle Receptacles	N-37 to N-46
-------------	--------------------------------------	--------------

*MicroCross™ P&D*

71182/71781	Vertical and Right Angle Receptacles	N-64, N-65
73712/71781	Vertical and Right Angle Receptacles	N-66 to N-69

*SCSI+*

74306	Vertical Receptacle	N-70
73631	Vertical Receptacle	N-71, N-73
74308	Vertical Receptacle	N-72
74305	Vertical Receptacle	N-74, N-76
70491	Vertical Receptacle	N-75
71163	Vertical Receptacle	N-77
74182	Right Angle Receptacle	N-78
71061	Right Angle Receptacle	N-79
74303	Right Angle Receptacle	N-80, N-81
79059	Right Angle Receptacle	N-82, N-85
74302	Right Angle Receptacle	N-83, N-84

*Ultra+™ VHDCI—0.80mm (.031") Pitch*

71430	Right Angle Receptacles	N-91, N-92
-------	-------------------------	------------

*LFH™ Matrix 50—1.27mm (.050") Pitch*

70928	Vertical and Right Angle Receptacles	N-98, N-99
70929	Vertical and Right Angle Plugs	N-100, N-101
71478	Vertical Receptacle	N-105
71475	Vertical Plug	N-106
71626	Vertical and Right Angle Receptacles	N-109, N-110
71624	Vertical and Right Angle Plugs	N-111, N-112
71718	Right Angle Receptacle	N-114

*LFH™ Matrix 75—1.90mm (.075") Pitch*

70660/71990	Vertical and Right Angle Receptacles	N-116, N-117
70665/71995	Vertical and Right Angle Plugs	N-118, N-119

*Docking Station—0.80mm (.031") Pitch*

54145	Right Angle Receptacle	N-129
53944	Vertical Plug	N-130
53941	Right Angle Plug	N-131
52940	Vertical Receptacle	N-132

*Docking Station—1.00mm (.039") Pitch*

52943	Vertical Plug	N-134
-------	---------------	-------

**Modular Plugs and Jacks**

*Right Angle*

44050	Jack	0-10
95001	Jack	0-24
43202	Jack	0-25
43249	Jack	0-26
43860	Jack	0-39
44380	Jack	0-40

\* Compact PCI is a registered trademark of the PCI Industrial Computer Manufacturers Group

<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>
02-05-1XXX	F-113	08-65-011X	D-3, L-52	10-06-11XX	D-67, D-68	11-01-01XX	W-19, W-31
02-06-1XXX	F-136	08-65-012X	D-4, D-5	10-07-20XX	B-163	11-01-0101	W-15 to W-17, W-28, W-31
02-06-2XXX	F-137	08-65-080X	C-111	10-07-21XX	B-163	11-01-011X	W-19, W-22, W-31
02-06-5XXX	F-136	08-65-081X	C-110	10-08-1XX1	D-73	11-01-016X	W-19, W-31
02-06-6XXX	F-137	08-70-00XX	B-110, C-111	10-10-10XX	D-75, D-77, D-79	11-01-017X	W-31
02-06-7XXX	F-136	08-70-001X	D-55	10-10-11XX	D-75, D-77, D-79	11-01-018X	W-15 to W-19, W-22, W-25 to W-29, W-31
02-06-8103	F-137	08-70-0060	D-114	10-10-12XX	D-75, D-77, D-79	11-01-019X	W-18, W-21, W-26, W-31, W-32
02-07-2101	F-176	08-70-010X	B-108	10-11-2XX3	C-115	11-01-020X	B-5, W-15, W-16, W-18, W-20 to W-24, W-27 to W-29, W-32
02-08-100X	F-28	08-70-0106	D-115	10-13-10XX	D-57	11-01-021X	W-14, W-27, W-30, W-32
02-08-110X	F-112	08-70-10XX	B-101, D-34	10-13-11XX	D-57	11-01-1026	W-17
02-08-12XX	F-103, F-104	09-01-10XX	D-34, L-54	10-13-1204	D-57	11-02-00XX	B-177, D-117, W-54, W-80
02-08-200X	F-29	09-01-11XX	L-54	10-17-2032	L-43	11-02-000X	W-14 to W-17, W-20, W-22, W-27, W-28, W-32, W-33, W-72
02-09-11XX	F-92, F-93	09-01-6XXX	L-53	10-17-30X0	D-59	11-02-0017	W-22, W-33
02-09-12XX	F-92	09-01-7XXX	L-53	10-18-1XXX	F-96	11-02-0022	W-23, W-27, W-28, W-33
02-09-161X	F-92	09-06-XXXX	D-12, D-13	10-22-10X2	D-60	11-02-0023	F-207, W-54, W-80
02-09-2XXX	F-93	09-07-XXXX	D-12, D-13	10-31-10X8	D-53	11-03-000X	W-14 to W-17, W-19 to W-22, W-27 to W-29, W-33 to W-35, W-72
02-09-2105	F-176	09-48-10XX	D-28	10-32-10X1	D-65	11-03-001X	W-15 to W-17, W-22, W-25, W-27 to W-29, W-35, W-72
02-09-5XXX	F-92	09-48-11XX	D-28	10-33-10X1	D-69	11-03-002X	W-17 to W-20, W-22, W-27 to W-29, W-35, W-72
02-09-61XX	F-93	09-48-30XX	D-28 to D-30	10-33-10X2	D-71	11-03-003X	W-23, W-27 to W-29, W-35
02-09-81XX	F-93	09-48-303X	L-44	10-45-1XX1	D-73	11-03-004X	F-207, W-18, W-20, W-21, W-26, W-29, W-35, W-36
03-06-1XXX	F-138	09-48-31XX	D-28 to D-30	10-63-10X3	D-64	11-04-0XXX	F-176, F-178
03-06-1241	F-138	09-48-40XX	D-29, D-30	10-63-10X9	D-66	11-04-02XX	F-176
03-06-136X	F-138	09-48-41XX	D-29, D-30	10-63-3XX3	D-51	11-10-0081	W-57
03-06-2XXX	F-139	09-50-10XX	D-36, D-37	10-63-3XX4	D-50	11-10-1044	G-59
03-06-6155	F-138	09-50-11XX	D-36, D-37	10-63-3023	D-51	11-11-01XX	W-30 to W-32
03-09-1XXX	F-94	09-50-30X1	D-7	10-63-3024	D-50	11-11-0311	W-31, W-32
03-09-2XXX	F-95	09-50-31X1	D-7	10-63-40X7	D-80	11-11-033X	W-30 to W-32
03-12-10X6	F-19	09-50-32XX	D-7	10-68-10X5	D-70	11-11-0345	W-31, W-32
03-12-20XX	F-20	09-50-5XXX	L-51	10-68-10X7	D-72	11-11-03XX	W-32
05-12-110X	F-178	09-50-6XXX	L-51	10-68-1085	D-70	11-18-200X	W-14, W-36
08-01-020X	L-50	09-50-7XX1	D-7	10-68-30X1	D-54	11-18-201X	W-15 to W-17, W-27, W-28, W-36
08-03-03XX	L-50	09-50-70X1	D-7	10-84-4XXX	F-32	11-18-202X	W-15 to W-17, W-22, W-28, W-29, W-36
08-05-03XX	L-50	09-50-8XXX	D-6	10-84-5XXX	F-32	11-18-203X	W-18, W-36, W-37
08-50-000X	C-113	09-52-1XX6	D-31	10-88-1XX1	C-48	11-18-2036	F-178, W-27, W-36
08-50-00XX	D-5	09-52-4XX4	D-8	10-88-1XX5	C-53	11-18-204X	W-16, W-17, W-19, W-22, W-25, W-28, W-37
08-50-003X	C-112	09-62-30X1	D-31	10-88-3XX1	C-56	11-18-205X	W-14 to W-17, W-21, W-25, W-37
08-50-01XX	C-110	09-62-30X2	D-33	10-89-1XX1	C-48	11-18-206X	W-19, W-37
08-50-010X	D-3, L-52	09-62-30X3	D-32	10-89-1XX6	C-53	11-18-207X	W-26, W-29, W-37
08-50-011X	L-52	09-62-31XX	D-31 to D-33	10-89-2XX1	C-48	11-18-208X	W-19, W-25, W-37
08-50-013X	D-3, L-52	09-62-6XXX	D-32, D-33	10-89-2XX6	C-53	11-18-209X	W-15 to W-17, W-19, W-37
08-50-016X	D-4	09-65-20XX	D-40, D-41	10-89-4XX2	C-56	11-18-210X	W-19, W-22, W-25, W-29, W-37
08-50-018X	D-4	09-66-5XXX	D-43, D-44	10-89-4XX6	C-56	11-18-211X	W-19, W-23, W-25, W-26, W-37, W-38
08-50-027X	F-144	09-67-4XXX	D-38, D-39	10-89-6XXX	C-51	11-18-212X	W-23, W-38
08-50-04XX	D-83	09-75-20X4	D-45	10-89-7XXX	C-49	11-18-213X	W-15, W-29, W-38
08-52-007X	D-3, L-52	09-75-20X5	D-46	10-89-9XX7	C-48		
08-52-01XX	C-110, D-4	09-76-1XXX	D-9	10-96-4XX8	C-57		
08-52-012X	C-110, L-52	09-91-XX00	D-11	10-96-7XXX	C-50		
08-52-013X	D-5	09-92-XX00	D-11	10-96-9XXX	C-55		
08-52-0602	D-83	10-01-10XX	D-56	10-97-0XXX	C-57		
08-52-1201	D-83	10-01-11XX	D-56	11-01-000X	W-14 to W-17, W-20 to W-23, W-27 to W-30		
08-55-010X	C-110, D-3, L-52	10-01-1204	D-56	11-01-001X	W-17, W-30		
08-55-011X	C-112	10-01-30XX	D-58	11-01-002X	W-17, W-22, W-25, W-27 to W-30		
08-55-012X	C-113	10-01-50X4	D-61	11-01-0037	W-30		
08-56-01XX	C-110, C-112, D-3, D-4	10-02-10X2	D-79	11-01-0059	W-25		
08-56-04XX	D-83	10-02-10X7	D-62	11-01-006X	W-22, W-30		
08-58-011X	D-4	10-02-11XX	D-79	11-01-008X	W-14 to W-17, W-19, W-20, W-22, W-26 to W-28, W-30, W-31		
08-58-012X	D-3, L-52	10-02-1202	D-79	11-01-0097	W-17, W-31		
08-58-013X	D-5	10-02-40X4	D-63				
08-58-018X	D-4	10-05-10XX	D-74 to D-78				
08-58-06XX	D-83	10-06-10XX	D-67, D-68				

<i>Order No.</i>	<i>Page</i>	<i>Order No.</i>	<i>Page</i>	<i>Order No.</i>	<i>Page</i>	<i>Order No.</i>	<i>Page</i>
11-18-214X	W-14 to W-16, W-19, W-20, W-22, W-27, W-29, W-38	11-20-1278	B-175, W-58, W-85	11-39-0XXX	W-58, W-85	14-44-XXXX	C-27
11-18-215X	W-14 to W-16, W-20, W-38	11-20-131X	W-58, W-85	11-39-0001	B-175, W-58, W-85	14-45-XXXX	C-27
11-18-216X	W-19, W-20, W-22, W-24, W-26, W-29, W-38, W-39	11-20-1321	H-53	11-39-0002	B-175, W-59, W-86	14-56-2XXX	C-22, C-25
11-18-217X	W-16 to W-18, W-20, W-25, W-27, W-28, W-39	11-20-1327	W-59, W-86	11-39-0263	H-53	14-56-3XXX	C-22 to C-25
11-18-218X	W-15, W-20, W-21, W-24, W-28, W-29, W-39	11-20-1328	F-207	11-39-0273	W-55	14-56-4XXX	C-23, C-24
11-18-219X	W-17, W-19, W-39	11-20-1337	C-144	11-39-0277	F-207, W-58, W-85	14-56-6XXX	C-22
11-18-2197	B-5, W-39	11-20-1834	W-59, W-86	11-39-0303	F-207, W-55, W-56, W-82	14-56-7XXX	C-22 to C-25
11-18-220X	W-15, W-20, W-26, W-29, W-39	11-21-0679	H-50, W-57, W-83	11-40-200X	W-14 to W-17, W-20 to W-22, W-27, W-28, W-40, W-41	14-60-0XXX	C-23 to C-25
11-18-221X	W-25, W-26, W-39	11-21-0728	H-53	11-40-201X	W-15 to W-17, W-22, W-28, W-41	14-60-1XXX	C-23, C-24
11-18-222X	W-21, W-39, W-40	11-21-110X	W-57	11-40-202X	W-15, W-17, W-18, W-20 to W-22, W-41	15.80184	S-8
11-18-223X	W-17 to W-19, W-22, W-27, W-28, W-29, W-40	11-21-411X	H-53	11-40-2029	F-176, W-22, W-41	15.80354	S-8
11-18-30XX	W-36, W-37, W-39	11-21-51XX	B-177, D-117, W-55, W-56, W-82	11-40-203X	F-176, W-16, W-18, W-22, W-29, W-41	15-303-MM	S-8
11-18-31XX	W-37 to W-39	11-21-8365	W-55, W-56, W-82	11-40-204X	F-176, W-18, W-22, W-41	15-303-SM	S-8
11-18-3190	B-5, W-39	11-21-9391	W-59, W-86	11-40-205X	W-18, W-19, W-41	15-04-0XXX	F-55, L-51
11-18-32XX	W-39, W-40	11-21-9507	P-34	11-40-206X	W-23, W-25, W-26, W-41	15-04-02XX	D-11, D-31, D-32, D-81
11-19-3001	W-9	11-21-965X	H-51	11-40-207X	W-19, W-26, W-28, W-41, W-42	15-04-0211	F-41, F-42, F-46, F-63, F-65, F-68
11-20-0XXX	H-53, L-55	11-21-9746	W-59, W-86	11-40-208X	W-15, W-42	15-04-0288	D-12, D-13
11-20-0179	B-178, C-148, D-118, W-57, W-83	11-21-9756	W-55, W-56, W-82	11-40-209X	W-17, W-19, W-23, W-27 to W-29, W-42	15-04-0297	D-6, D-28, D-29, D-81
11-20-0314	B-178, C-148, D-118, W-57, W-83	11-21-9757	B-175, W-59, W-86	11-40-21XX	F-176, W-19, W-20, W-22, W-26, W-42	15-04-034X	F-55
11-20-0411	W-62, W-90	11-21-9933	O-64, W-59, W-60, W-86, W-87	11-40-211X	W-15, W-29, W-42	15-04-5XXX	C-33, C-34
11-20-0412	B-178, C-149, D-119, W-62, W-90	11-21-9963	B-175, W-58, W-85	11-40-212X	W-17 to W-19, W-42	15-04-9XXX	F-55
11-20-0418	B-178, C-149, D-119, W-62, W-90	11-21-9998	B-175, W-58, W-85	11-40-213X	W-18, W-28, W-42	15-04-9209	C-114, C-136 to C-139, D-81
11-20-0435	B-178, C-149, D-119,	11-26-00XX	H-52	11-40-214X	W-18, W-19, W-42	15-04-9210	C-114, D-81
11-20-0436	B-178, C-148, D-118, W-57, W-83	11-26-0005	W-25, W-40	11-40-215X	W-17, W-19, W-27, W-28, W-42	15-05-1004	L-51
11-20-0439	H-53	11-26-0024	W-25	11-40-216X	W-15, W-16, W-20, W-42, W-43	15-05-7XXX	D-82
11-20-0464	H-53	11-26-0059	W-25, W-40	11-40-217X	W-17, W-29, W-43	15-05-7XXX4	D-12, D-13
11-20-0498	B-178, C-149, D-119, W-62, W-90	11-26-0089	W-26, W-40	11-40-218X	W-17, W-25, W-29, W-43	15-05-701X	F-105, F-106
11-20-0739	W-56, W-82	11-26-0100	W-24 to W-26, W-40	11-40-219X	W-19, W-25, W-29, W-43	15-05-8XXX	C-116, C-117, D-82
11-20-0771	B-178, C-149, D-119, W-62, W-90	11-26-0110	W-26	11-40-220X	W-15, W-19, W-26, W-27, W-43	15-06-0XXX	F-63, F-64
11-20-0785	H-53	11-26-7034	W-31	11-40-221X	W-16, W-18, W-19, W-20, W-25, W-29, W-43	15-24-X0XX	F-105, F-106
11-20-0815	W-57, W-83	11-26-7074	W-26, W-40	11-40-222X	W-16, W-18, W-20, W-22, W-29, W-43	15-24-33XX	F-106
11-20-0901	D-120	11-28-0225	O-64, W-60, W-87	11-40-223X	W-20, W-22, W-29, W-43, W-44	15-24-4041	F-108
11-20-0944	H-53	11-31-1570	W-56, W-82	11-40-224X	W-18, W-22, W-25, W-26, W-44	15-24-4047	F-104
11-20-0947	H-51, W-59, W-86	11-31-21XX	H-50, H-51, W-57, W-59, W-83, W-86	11-40-225X	W-19, W-20, W-28, W-44	15-24-4048	F-103
11-20-1XXX	L-55	11-31-2181	W-57, W-59, W-86	11-40-226X	W-17, W-18, W-19, W-25, W-27, W-44	15-24-4055	F-109
11-20-1004	W-62, W-90	11-31-2335	H-50, H-51, W-57, W-59, W-83, W-86	11-40-227X	W-15, W-20, W-29, W-44	15-24-4157	F-107
11-20-11XX	W-59, W-86	11-31-33XX	W-55	11-40-2278	B-5, W-44	15-24-434X	F-107
11-20-1121	H-53	11-31-3337	B-171, H-50, W-55	11-40-228X	W-20, W-29, W-44	15-24-6XXX	F-66
11-20-116X	H-51, W-59, W-86	11-31-4652	H-50, W-55	11-40-3XXX	F-176, W-41, W-43	15-24-6XXX0	F-67
11-20-1170	H-51, W-59, W-86, W-87	11-31-555X	W-59, W-86	11-40-30XX	W-40, W-41 to W-43	15-24-7XXX	F-65
11-20-1172	F-96	11-31-6356	B-171, C-145, F-207, G-58, H-51, J-203, J-206, N-172, N-173, N-175, N-182, O-64, O-65, P-34, W-53, W-58, W-79, W-85	11-40-31XX	W-42, W-43	15-24-9XXX	F-67
11-20-12XX	W-58, W-61, W-85, W-89	11-31-6379	N-179, P-34, W-54	11-40-32XX	W-42, W-43, W-44	15-25-1XXX	H-16
11-20-1230	C-146, C-150	11-31-7504	D-120	11-40-3279	B-5, W-44	15-25-4XX1	G-46
11-20-1258	H-53	11-31-7559	O-65, P-34, W-60, W-87	14-0400-001	S-11	15-28-6XXX	F-66
11-20-127X	O-64, O-65, W-60, W-87	11-31-8939	W-55, W-56, W-59, W-82	14-0401-001	S-11	15-29-102X	C-82
11-20-1277	B-175, W-59, W-86	11-31-902X	P-34, W-54			15-29-6XXX	C-58
		11-31-9027	W-54			15-29-7XXX	C-59
		11-32-1956	B-175, W-59, W-86			15-31-10X6	F-99
		11-32-415X	W-54			15-38-0XXX3	H-27
		11-32-4306	C-146, C-150			15-38-102X	C-82
		11-32-4307	C-146, C-150			15-38-8XXX	G-47 to G-50
		11-32-47XX	O-63, W-60, O-65, W-87			15-38-9XXX	G-51
		11-32-6027	W-55, W-56, W-82			15-41-7XXX	C-58

<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>
15-42-7XXX	C-59	15-91-32XX	C-42	22-05-7XX8	C-134	22-43-60XX	B-106
15-43-6XXX	0-32, 0-35	15-92-X24X	J-185, J-186	22-05-70X5	B-105	22-43-61XX	B-106
15-43-7XXX	0-32	15-92-1XXX	K-23	22-05-71X5	B-105	22-43-80XX	B-107
15-43-8XXX	0-34	15-92-2XXX	K-28, N-100, N-101	22-10-2XX1	C-126	22-43-81XX	B-107
15-43-9XXX	0-32	15-97-0071	F-68	22-10-7XX8	C-127	22-50-3XX5	C-118
15-44-32XX	C-76	15-97-5XX1	F-68	22-11-10X1	B-117	22-55-2XX1	C-15
15-44-45XX	C-76	15-97-6XX1	F-69	22-11-11X1	B-117	22-55-2XX2	C-16
15-44-5XXX	C-77	15-97-7XXX	F-70 to F-72	22-11-2XX2	C-131	22-55-2XX3	C-17
15-44-68XX	C-77	15-97-8XXX	F-73	22-12-10X1	B-165	22-55-30X0	C-18
15-45-13XX	C-76	15-97-9XX1	F-68, F-69	22-12-10X2	B-118	22-55-30X1	C-19
15-45-3XXX	C-78	16.A0012	S-3	22-12-11X1	B-165	22-55-31X0	C-18
15-45-43XX	C-76	16.1B.011.A1032	S-3	22-12-11X2	B-118	22-55-31X1	C-19
15-47-1XX1	C-65	16-02-0XXX	F-176	22-12-1201	B-165	22-55-32X0	C-18
15-47-4XXX	G-47 to G-50	16-02-00XX	C-6, C-7	22-12-2XX1	C-128	22-55-32X1	C-19
15-47-5XXX	G-51	16-02-01XX	C-6 to C-8	22-12-2XX4	C-133	22-55-33X0	C-18
15-47-6XX1	C-65	16-02-11XX	C-8	22-12-20X1	C-128	22-55-33X1	C-19
15-47-6XX2	C-60	16-06-0002	F-96	22-12-20X4	C-133	22-55-34X0	C-18
15-47-66XX	C-76	17.B155G	S-8	22-12-3XX0	C-129	22-55-34X1	C-19
15-47-67XX	C-65	17-1B-011-A0042	S-5	22-14-2XX4	C-140	22-55-350X	C-18, C-19
15-47-7XXX	C-62	17-1B-011-D0052	S-5	22-15-10X2	B-161	22-56-6XX7	C-20
15-47-70XX	C-76	17-1C-011-D00X5	S-5	22-15-11X2	B-161	22-66-XXX0	C-127
15-47-8XXX	C-60	18-12-1XXX	F-17, F-18	22-15-2XX6	C-136	22-67-XXX0	C-129
15-48-0XXX	F-143	18-12-2XXX	F-18	22-15-3XXX	G-44	23-11-2143	D-32
15-80-0XXX	C-61	19-09-1XXX	F-97	22-15-30X2	B-156	25.A013G	S-12
15-82-03XX	L-29 to L-33	19-09-2XXX	F-98	22-15-31X2	B-156	25.A016G	S-12
15-82-06XX	L-27, L-28	22-01-10X2	B-114	22-15-7XX8	C-141	25.A017G	S-12
15-82-07XX	L-25, L-26	22-01-10X4	B-111	22-15-8XX2	C-137	25.B013G	S-12
15-82-11XX	L-25, L-26	22-01-11X2	B-114	22-16-10X3	B-166	25.B016G	S-12
15-82-1343	L-31	22-01-11X4	B-111	22-16-11X3	B-166	25.B0284	S-12
15-82-1393	L-29	22-01-2XXX	C-114	22-16-1203	B-166	25.B0364	S-12
15-82-14XX	L-29	22-01-3XXX	C-114	22-16-2XXX	C-136	25.B0410	S-6
15-82-1407	L-30	22-02-10X4	B-166	22-17-2XX2	C-140	25.B058G	S-12
15-82-1509	L-31	22-02-10X5	B-167	22-17-3XX2	C-140	25.B059G	S-12
15-82-1519	L-32	22-02-11X4	B-166	22-18-2XXX	C-138	25.C020	S-6
15-82-1538	L-29	22-02-11X5	B-167	22-23-2XX1	C-131	25-02-XXXX	C-66
15-82-154X	L-29	22-02-1204	B-166	22-23-3XX4	C-135	26-01-1XX6	D-47
15-82-1550	L-29	22-02-1205	B-167	22-23-5XXX	C-130	26-01-1XX8	D-49
15-82-1556	L-30	22-02-2XX5	C-138	22-26-7XXX	C-116	26-01-1XX9	D-48
15-82-1585	L-31	22-02-3XXX	G-45	22-26-8XXX	C-116	26-03-30X1	D-10
15-82-1592	L-32	22-02-30X4	B-160	22-26-9XXX	C-116	26-03-31X1	D-10
15-82-162X	L-29	22-02-31X4	B-160	22-27-2XXX	C-132	26-03-32X1	D-10
15-82-1634	L-30	22-02-7XX3	C-138	22-28-0XXX	C-122	26-03-40XX	D-10
15-82-1641	L-30	22-03-10X1	B-162	22-28-1XXX	C-123	26-03-41XX	D-10
15-82-1655	L-33	22-03-10X2	B-164	22-28-2XXX	C-125	26-03-42XX	D-10
15-82-166X	L-34	22-03-11X1	B-162	22-28-3XXX	C-124	26-10-20X1	D-23
15-87-0XXX	N-75	22-03-11X2	B-164	22-28-4XXX	C-119	26-10-21XX	D-23
15-87-1XXX	N-88, N-177	22-03-2XX1	C-126	22-28-5XXX	C-119	26-10-2201	D-23
15-87-6XXX	N-82, N-85	22-03-50X4	B-157	22-28-6XXX	C-121	26-11-2XX3	D-32
15-91-0XXX	C-52	22-03-50X5	B-104	22-28-7XXX	C-121	26-11-60XX	D-31
15-91-1XX1	C-52	22-03-51X4	B-157	22-28-8XXX	C-120	26-11-60X5	D-33
15-91-1XX2	C-52	22-03-51X5	B-104	22-28-9XXX	C-120	26-11-61XX	D-31
15-91-1XX3	C-52	22-04-10X1	B-117	22-29-2XX1	C-132	26-11-61X5	D-33
15-91-2XX0	C-52	22-04-11X1	B-117	22-41-3XXX	C-116	26-17-1XX1	D-20
15-91-20X5	C-42	22-05-10X1	B-165	22-41-4XXX	C-116	26-19-2XX1	D-27
15-91-21X5	C-42	22-05-10X2	B-118	22-41-5XXX	C-116	26-20-2XX1	D-26
15-91-22X5	C-42	22-05-11X1	B-165	22-42-6XXX	C-117	26-22-2XX1	D-27
15-91-3XX0	C-52	22-05-11X2	B-118	22-43-20X0	B-153	26-23-2XX1	D-26
15-91-30XX	C-42	22-05-1201	B-165	22-43-21X0	B-153	26-26-1XX1	D-20
15-91-31XX	C-42	22-05-2XX1	C-128	22-43-30X0	B-103	26-28-2XX1	D-23
15-91-3103	C-42	22-05-3XX1	C-133	22-43-31XX	B-103	26-29-1XX1	D-33

<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>
26-30-1XX3	D-32	39-26-6XX6	H-21	39-51-2XXX	H-14, H-15	82-26-72XX	H-33
26-48-1XX1	D-14	39-26-7XX2	H-22	39-51-20X9	B-76	82-26-8XXX	H-37, H-41
26-48-1XX2	D-15	39-26-7XX5	H-19	39-51-21XX	B-76	82-26-80XX	H-33
26-48-1XX3	D-18	39-26-7XX8	H-20	39-51-22XX	B-76	82-28-3XXX	H-30
26-48-1XX4	D-19	39-26-90XX	B-75, B-78	39-51-2309	B-76	82-28-5XXX	H-31, H-32, H-38
26-48-1XX5	D-16	39-26-91X6	B-75	39-51-30XX	G-37, G-38	82-28-6XXX	H-38, H-39
26-48-1XX6	D-17	39-26-91X7	B-78	39-51-30X0	B-73	89-00-0XXX	D-83
26-48-2XX2	D-15	39-26-92XX	B-78	39-51-30X1	B-74	89-00-2XXX	F-179
26-48-2XX4	D-19	39-26-9206	B-75	39-51-30X2	B-77	89-00-21XX	N-121
26-48-2XX6	D-17	39-26-9307	B-78	39-51-31XX	B-73, G-37, G-38	89-00-31XX	W-54
26-51-0XX1	D-14	39-27-00X4	B-90	39-51-31X1	B-74	89-09-XXXX	V-4
26-51-0XX2	D-16	39-27-00X6	B-113	39-51-31X2	B-77	97-00-044X	C-111
26-51-2XX0	D-14	39-27-01X4	B-90	39-51-32XX	G-37, G-38	3099-X	F-96
26-51-2XX2	D-16	39-27-01X6	B-113	39-51-3200	B-73	3099-1X	F-96
26-60-2XX0	D-21	39-27-0204	B-90	39-51-3201	B-74	39-925	S-11
26-60-3XX0	D-22	39-27-1XXX	H-23, H-24	39-51-32X2	B-77	5800-001	W-66
26-60-4XX0	D-24	39-27-40X2	C-72	39-51-3302	B-77	7122X	G-57
26-60-5XX0	D-25	39-27-40X4	C-73	39-51-3303	G-37	95.C0XXX	S-3
26-61-2XX0	D-21	39-27-41X2	C-72	39-51-3304	G-38	21020-0XXX	G-52
26-61-3XX0	D-22	39-27-41X4	C-73	39-52-1XXX	H-14, H-15	21039-0XXX	G-53
26-61-4XX0	D-24	39-27-4202	C-72	40-06-20XX	F-177	21049-0XXX	G-54
26-61-5XX0	D-25	39-27-4214	C-73	40-08-0605	F-176	25001-XXXX	H-43
27.1B.241.A005G	S-6	39-27-4222	C-72	50-16-028X	F-178	25002-XX0X	H-43
27.1B.241.B100G	S-6	39-27-4242	C-72	50-29-10X1	F-96	26001-XX0X	H-44
27.1B.481.B100G	S-6	39-27-4244	C-73	50-29-14XX	F-96	30453-XX00	I-25
29-11-0XXX	B-109	39-27-4262	C-72	50-37-5XXX	B-102	30490-X0XX	F-40
31-001	S-11	39-27-4274	C-73	50-57-90XX	C-9	35009-2011	T-15
31-001-1	S-11	39-27-4282	C-72	50-57-92XX	C-10	35021-1XXX	B-70
33A-100-10	S-11	39-27-4302	C-72	50-57-93XX	C-11	35022-00XX	B-152
33.B0020	S-11	39-27-4304	C-73	50-57-94XX	C-12	35023-00XX	B-72
33.D00X0	S-11	39-27-4342	C-72	50-57-95XX	C-13	35044-910X	B-71
33-100	S-11	39-27-4364	C-73	50-57-97XX	C-14	35047-98XX	B-150
33-100-P	S-11	39-28-1XX3	F-48	50-65-00XX	C-32	35053-9002	B-142
35.B0240	S-12	39-28-5XX0	H-21	50-65-01XX	C-31	35069-X00X	D-107
36.A01X0	S-11	39-28-5XX1	H-19	50-65-02XX	C-30	35100-9002	T-9
36.A03X0	S-11	39-28-5XX3	H-22	50-84-1XXX	F-31	35135-0X10	F-141
36.A0690	S-11	39-28-5XX4	H-20	50-84-2XXX	F-30	35150-010X	F-153
36.A07X0	S-11	39-28-5XX5	H-23	51-24-XXXX	N-103, N-109, N-110	35150-02XX	F-155, F-162
36.A0890	S-11	39-28-5XX6	H-24	51-25-10X0	N-111 to N-113	35150-03XX	F-157, F-162
36.B0060	S-7	39-28-51X0	H-21	51-25-100X	N-120	35150-041X	F-159
36.B02XG	S-7	39-28-51X1	H-19	51-25-1012	N-120	35150-061X	F-161
36.B0260	S-7	39-28-51X3	H-22	51-25-201X	N-102	35151-011X	F-152
36.B040G	S-7	39-28-51X4	H-20	51-26-00XX	N-116 to N-120	35151-021X	F-154
38-00-05XX	F-96	39-28-51X5	H-23	51-26-0041	J-181	35151-031X	F-156
38-00-1XXX	C-142	39-28-51X6	H-24	51-26-0050	J-184	35151-041X	F-158
38-00-20XX	D-67	39-28-8XX0	F-48	51-26-0051	J-183	35151-061X	F-160
38-00-209X	C-118	39-28-9XX8	F-49	82-18-5XXX	H-42	35155-0XXX	B-144
38-00-21XX	C-118	39-29-0XX3	F-48	82-18-6XXX	H-42	35155-1XXX	B-144
38-00-7XXX	B-119	39-29-1XXX	F-52	82-22-XXXX	H-38, H-39, H-42	35156-XX00	D-95
39-00-00XX	B-68, F-37, F-38	39-29-3XX6	F-48	82-24-3XXX	H-36	35164-XX00	B-151
39-00-002X	D-34	39-29-4XX9	F-52	82-24-4XXX	H-35	35164-XX02	B-151
39-00-01XX	F-37, F-38	39-29-5XX3	F-52	82-24-5XXX	H-37 to H-39	35182-019X	F-162
39-00-02XX	F-37, F-38	39-29-6XX8	F-48	82-24-6XXX	H-39	35183-0X17	F-101
39-01-XXXX	F-46, F-47	39-29-9XXX	F-49	82-24-7XXX	H-38, H-41	35184-XX00	B-143
39-01-00X5	B-112	39-30-0XXX	F-51	82-24-8XXX	H-37, H-40, H-41	35184-XX02	B-143
39-01-00X9	B-69	39-30-1XXX	F-51	82-26-3XXX	H-34, H-36, H-37	35191-0200	D-108
39-01-01X5	B-112	39-30-20XX	F-43	82-26-4XXX	H-34, H-35	35200-1000	T-13
39-01-01X9	B-69	39-30-30XX	F-44, F-45	82-26-5XXX	H-37 to H-39	35241-4011	T-11
39-01-0205	B-112	39-31-0XXX	F-48	82-26-6XXX	H-33, H-38, H-40	35245-4011	T-10
39-01-40XX	F-41, F-42	39-34-70XX	F-52	82-26-7XXX	H-38, H-39	35270-0X10	T-24 to T-26

<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>
35270-0120	T-23	35802-20X1	G-36	43511-0001	F-189	50034-8X00	B-66
35272-0X10	T-28 to T-30	35802-21X1	G-36	43512-0001	F-191	50038-8X00	T-39
35272-0120	T-27	35802-22X1	G-36	43513-0001	F-187	50039-8X00	T-38
35282-XX10	T-19	35802-23X1	G-36	43514-0001	F-189	50058-8X00	A-117
35282-121X	T-19	35802-24X1	G-36	43515-0001	F-191	50061-8X00	A-126
35282-161X	T-19	35802-25X1	G-36	43516-0001	F-193	50079-8X00	A-117
35284-XX10	T-18	35802-26X1	G-36	43640-XX0X	F-118	50080-8X00	A-126
35284-121X	T-18	35802-27X1	G-36	43645-XX00	F-117	50097-8X00	B-148
35284-16XX	T-18	35802-28X1	G-36	43650-XXXX	F-119 to F-124	50098-8X00	D-112
35309-0X10	F-102	35802-29X1	G-36	43680-200X	F-25	50125-8X00	A-118
35312-XX10	B-147	35802-30X1	G-36	43743-XXXX	O-15	50133-8X00	A-118
35313-XX10	D-96	35854-2090	G-8	43759-0001	F-67	50147-8X00	T-33
35315-0X10	F-142	35863-1XX0	G-7	43760-0001	F-63	50148-8X00	T-32
35328-0X10	D-109	35863-2XX0	G-7	43770-0001	F-64	50212-8X00	B-47
35354-0710	T-14	35863-3010	G-7	43810-0XXX	F-86 to F-89	50217-XX0X	D-89
35356-0810	T-15	35884-1519	L-47	43814-6X21	O-42	50351-8X00	B-130
35358-2210	T-15	35922-9002	D-101	43838-0X01	F-194	50394-8X00	B-3
35362-XX10	B-55	35977-XXXX	D-102	43839-0X01	F-195	50394-805X	B-3, B-5
35363-XX10	B-56	35978-0XXX	D-103, D-104	43841-000X	O-21	50419-9X01	D-87
35403-1002	T-8	35978-10XX	D-103, D-104	43860-00XX	O-37, O-38	50420-8000	T-3
35420-9X02	T-17	35979-02XX	D-105, D-106	43860-101X	O-39	50516-8041	A-114
35421-6X02	T-16	35979-03XX	D-105, D-106	43879-00XX	F-90	50539-8X00	D-97
35427-9X0X	T-20	35979-04XX	D-105, D-106	43914-110X	F-10, F-12	50597-8X00	F-163
35430-1X00	T-21	35979-05XX	D-105, D-106	43915-11XX	F-12	50598-8X00	F-163
35454-2X02	F-180	41661-00XX	D-14	43938-210X	F-11	50599-8X00	F-164
35454-8XX2	F-184	41662-00XX	D-15	43952-0X01	F-188	50600-8X00	F-164
35491-8X02	F-182	41671-00XX	D-16	43953-0101	F-188	50641-8X41	A-100
35507-XX00	B-54	41672-00XX	D-17	43954-0X01	F-190	50752-8X00	B-131
35508-0700	T-12	41681-00XX	D-18	43955-0X01	F-190	50753-8X41	A-100
35509-0800	T-13	41682-00XX	D-19	43980-100X	F-10, F-11	50802-9X01	B-115
35510-2200	T-13	41771-0XXX	D-21	44032-0X01	F-192	50837-8X00	B-128
35548-0300	F-185	41772-04XX	D-22	44033-0X01	F-192	51004-XX00	B-58
35565-0300	F-181	41791-08XX	D-24	44040-00XX	F-196	51005-XX00	B-46
35567-0300	F-183	41792-05XX	D-25	44041-00XX	F-197	51006-XX00	B-45
35572-XX00	B-146	42410-XXXX	O-56	44050-000X	O-10	51015-XX00	B-67
35716-0110	F-100	42815-00X1	F-4	44068-0XXX	F-82 to F-85	51016-XX00	I-20
35719-0110	F-140	42816-0X12	F-6	44133-XX00	F-134	51020-XX00	I-21
35725-1XX0	T-22	42817-0XX1	F-5	44144-00XX	O-16	51021-XX00	A-119
35725-30X0	T-22	42818-0X12	F-7	44150-00XX	O-12	51022-XX00	A-127
35745-0X10	F-151	42819-XXX2	F-8	44170-000X	O-14	51035-XX00	B-149
35746-0XX0	F-149	42820-X2X2	F-9	44193-00XX	O-22	51036-XX00	D-113
35747-0X10	F-150	42878-XXXX	O-55	44242-00XX	F-133	51039-XX00	I-23
35748-0X10	F-148	42960-5500	P-34	44248-0XXX	O-43, O-44	51047-XX00	A-120
35802-03X1	G-36	43020-XXXX	F-126	44281-00XX	F-91	51048-XXX0	I-24
35802-04X1	G-36	43025-XX00	F-125	44300-XX00	F-135	51052-XX00	I-27
35802-05X1	G-36	43030-00XX	F-115	44380-X0XX	O-40	51065-XX00	B-48
35802-06X1	G-36	43031-00XX	F-116	44441-200X	F-24	51067-XX00	D-90
35802-07X1	G-36	43045-XXXX	F-127 to F-132	44472-XXXX	F-76, F-79	51071-XX00	I-19
35802-08X1	G-36	43061-00XX	D-35	44473-XXX1	F-80	51089-XX05	B-36
35802-09X1	G-36	43080-0001	F-96	44474-XXX1	F-78	51090-XX00	B-30
35802-10X1	G-36	43130-0001	F-69	44475-XXX1	F-77	51094-XX05	B-32
35802-11X1	G-36	43160-XX0X	F-26, F-27	44476-X11X	F-37	51102-XX00	B-132
35802-12X1	G-36	43178-X002	F-23	44478-XX1X	F-38	51103-XX00	B-133
35802-13X1	G-36	43202-X10X	O-25	44485-1211	F-39	51110-XXX0	B-3, B-6
35802-14X1	G-36	43202-89XX	O-25	44520-000X	O-13	51110-XXX1	B-3, B-6
35802-15X1	G-36	43223-XXXX	O-30	44580-00XX	O-45, O-46	51114-XXX0	D-88
35802-16X1	G-36	43249-XXXX	O-26	44620-000X	O-41	51115-1601	T-4
35802-17X1	G-36	43255-0XXX	F-33	50011-8X00	B-57	51116-1601	T-5
35802-18X1	G-36	43375-X001	F-22	50012-8X00	B-43	51117-1605	T-6
35802-19X1	G-36	43510-0001	F-187	50013-8X00	B-44	51118-1605	T-7

<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>
51127-XX05	A-115	52379-OXXX	J-174	52820-1511	B-91	53299-OXXX	J-180
51138-0X00	F-165	52380-XX90	I-10	52822-4011	N-155	53307-XX91	A-59
51139-0X00	F-166	52396-XX90	G-20	52830-XXX5	O-36	53309-XX91	A-62
51140-0X05	F-169	52409-XX01	A-83	52837-XXX9	A-36, A-42	53313-XX15	B-38
51143-0X00	F-170	52410-XX01	A-83	52851-XXX9	A-36, A-39	53314-XX15	B-39
51143-0X05	F-173	52411-XX01	A-84	52852-XX90	G-27	53315-OXXX	J-170
51144-XX00	D-98	52412-XX01	A-85	52855-XXX9	A-36, A-48, A-49	53316-OXXX	J-171
51146-XX00	A-101	52418-XX10	B-88	52866-1311	N-169	53317-OXXX	J-175
51152-0000	J-89, J-101	52419-XX10	B-154	52866-1321	N-170	53318-OXXX	J-177
51153-0000	J-89, J-102	52433-XX90	I-12	52871-2011	N-150	53319-OXXX	J-172
51163-XX00	B-134	52435-XX91	G-10	52872-XX11	D-84	53320-OXXX	J-179
51164-XX05	B-135	52437-XX91	G-12	52883-XXXX	A-36, A-39	53321-OXXX	J-176
51165-XXXX	J-85, J-86	52465-XX91	A-57	52885-XXXX	A-36, A-41	53322-OXXX	J-178
51166-XXXX	J-85, J-86	52478-XX15	B-37	52892-XX90	G-5	53323-OXXX	J-180
51191-XX00	B-116	52479-OXXX	J-169	52893-XX90	G-6	53324-XX10	B-34
51198-XX00	B-129	52480-OXXX	J-173	52901-XXXX	A-36, A-42	53325-XX10	B-35
51206-XX00	B-28	52481-OXXX	J-174	52906-1611	A-90	53331-0X10	D-52
51216-XX00	B-63	52482-0100	J-169	52910-2809	A-48, A-53	53339-XX90	A-80
51217-XX05	B-64	52484-XX10	B-31	52921-XXXX	A-36, A-37	53353-XX91	A-61
52004-XX10	I-3	52492-XX20	G-41	52940-XX00	N-132	53358-XX10	B-40
52007-XX10	I-6	52515-XX1X	N-153	52943-1200	N-134	53364-XX91	A-60
52008-XX10	I-7	52537-2001	N-143	52943-1760	N-134	53375-XX10	B-136
52011-XX10	I-8	52539-2001	N-144	52943-2400	N-134	53375-XX90	B-137
52012-XX10	I-9	52557-XX90	G-22	52945-0890	B-168	53395-XXX9	A-63, A-65
52018-XX45	O-47	52559-XX90	G-15	52974-XX0X	A-13	53396-XXX9	A-63, A-66
52022-XX10	A-86	52559-XX92	G-15	52975-XX92	G-16	53397-XXX9	A-63, A-68
52024-XX10	A-88	52565-XX90	A-79	52976-XX92	G-17	53398-XX90	A-121
52030-XX10	G-32	52569-2000	N-142	52986-XX21	N-154	53405-0X10	D-42
52043-XX10	G-31	52578-2400	N-137	52991-XX08	A-22	53408-XXX9	A-63, A-69
52044-XX45	G-39	52580-2400	N-138	53014-XX10	B-59	53421-XX17	B-159
52045-XX45	G-40	52584-XXX9	A-63, A-64	53015-XX10	B-60	53426-XXX0	B-138, B-139
52075-XX10	B-85	52588-XX90	A-58	53020-XX10	A-87	53440-1211	A-97
52084-XX10	B-84	52602-XXX9	A-63, A-67	53022-XX10	A-89	53460-06X1	N-11
52089-XX10	G-30	52610-XX90	G-25	53025-XX10	B-61	53462-06X1	N-9
52116-OXXX	T-41	52629-XX51	N-147	53047-XX10	A-123	53467-XXX9	A-36, A-44
52117-OXXX	T-40	52635-2400	N-141	53048-XX10	A-124	53475-XXX9	A-36, A-43
52147-XX10	I-4	52637-2400	N-140	53064-XX10	B-86	53481-XXX9	A-36, A-45
52151-XX10	I-5	52647-1604	A-46	53095-XX10	B-87	53481-0689	A-45
52153-XX10	I-14	52660-XX51	N-149	53109-0410	F-110	53486-1809	A-48, A-52
52154-XX10	I-15	52661-XXX1	N-149	53113-0410	F-111	53505-XX90	A-116
52170-XX10	B-82	52668-XX17	B-158	53114-XX10	B-83	53514-1364	M-28
52204-XX90	G-19	52686-2001	N-145	53229-OXXX	J-170	53517-XX10	B-140
52205-XX90	G-21	52688-2001	N-146	53230-OXXX	J-171	53520-XX20	D-99
52207-XX90	G-23	52689-XX93	G-18	53233-OXXX	J-175	53521-0X40	D-100
52213-0X1X	T-34, T-35	52691-XX14	B-41	53234-OXXX	J-177	53524-1364	M-27
52266-0X1X	T-36, T-37	52693-XX14	B-42	53244-XX17	B-81	53533-1511	B-92
52271-XX90	G-24	52712-1211	A-96	53253-XX10	B-49	53551-XXX9	A-36, A-46
52273-XX10	I-13	52745-XX90	G-9	53254-XX10	B-50	53553-XXX9	A-36, A-47
52287-XX11	I-16	52746-XX90	G-11	53258-OXX0	D-91	53569-XXX9	A-36, A-40
52288-XX11	I-17	52755-1XX0	N-133	53258-1XX0	D-91	53583-2009	A-48, A-50
52299-OXXX	J-169	52755-2400	N-133	53259-XXX0	D-92	53608-XX90	B-141
52302-OXXX	J-173	52758-1XX0	N-135	53261-XX90	A-122	53615-XX11	D-85
52311-2690	N-152	52758-2400	N-135	53265-OXX0	D-93	53623-XXXX	A-36, A-40
52316-XX11	N-156, N-158	52760-XXX9	A-36, A-41	53266-OXX0	D-94	53625-XXXX	A-36, A-45
52326-XX01	A-82	52770-1809	A-48, A-51	53290-XX10	B-89	53627-XXXX	A-36, A-47
52327-XX01	A-85	52793-XX90	G-26	53291-XX91	B-155	53643-XXXX	A-36, A-43
52330-XX17	B-80	52802-2400	N-139	53294-OXXX	J-172	53645-XXXX	A-36, A-44
52340-XX01	A-84	52806-XX10	G-35	53296-OXXX	J-179	53647-XXXX	A-36, A-46
52368-XX01	A-82	52807-XX10	G-34	53297-OXXX	J-176	53652-1611	A-91
52370-XX1X	N-156	52808-XX90	G-28	53298-OXXX	J-178	53654-2809	A-48, A-54



<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>
53656-2809	A-48, A-55	54331-0XX0	N-157	55018-0609	A-27	55394-XX06	A-9
53658-XX15	D-86	54331-0XX1	N-157	55021-0001	M-15	55395-0611	N-12
53671-XXXX	A-36, A-38	54363-XX08	A-15	55022-0001	M-16	55423-015X	Q-19
53699-0812	B-169	54366-0418	N-19	55032-1200	N-136	55447-XX10	A-111
53704-0815	B-170	54368-4200	U-27	55055-XX08	A-31	55451-XX10	A-113
53720-0X10	F-168	54368-7200	U-28	55060-XXXX	J-89	55454-XX10	A-112
53721-0X10	F-172	54390-2009	N-126	55060-XX04	J-96	55460-XX90	B-33
53727-0X10	F-167	54393-XX92	G-4	55063-XX90	A-103	55487-XX10	B-65
53728-0X10	F-171	54397-XXX1	N-148	55065-0005	M-17	55501-1XX1	J-53, J-75, J-76
53729-XX0X	A-14	54432-144X	L-21	55089-XXXX	J-89	55502-1541	J-71
53748-XX0X	A-23	54436-1490	A-75	55089-XXX4	J-93	55502-1542	J-53, J-71
53751-1009	N-124	54450-1408	A-28	55150-1605	M-37	55540-1XX1	J-53, J-75, J-76
53779-XX90	A-104	54457-055X	J-62	55155-0805	M-33	55541-1321	J-53, J-71
53780-XX90	A-105	54457-110X	J-56, J-57	55157-0805	M-34	55541-1542	J-71
53794-XX08	A-12	54457-1106	J-53, J-57	55170-0214	M-36	55546-0011	M-7
53798-XXXX	J-89, J-94	54457-1251	J-59	55176-XX91	A-108	55564-011X	Q-17
53822-0820	J-89, J-100	54457-1252	J-60	55177-XX91	A-107	55573-03X2	J-87
53856-501X	M-13	54462-1511	A-92	55178-XX91	A-106	55589-011X	Q-17
53866-0890	A-95	54477-XX08	A-6	55186-1440	M-35	55590-XXXX	Q-17
53885-XX08	A-19	54478-40X5	U-22	55201-XX08	A-16	55614-0XX9	J-82
53887-0608	A-33	54478-52X5	U-23	55209-4200	U-27	55615-0XX9	J-82
53891-2009	N-128	54479-1215	U-21	55209-7200	U-28	55616-0XX9	J-80
53901-XXXX	J-89, J-94	54491-0559	J-64	55222-XXXX	J-89	55617-0XX9	J-80
53916-XX04	A-25	54491-1109	J-58	55222-0XX4	J-94	55622-0808	A-5
53916-XX08	A-25	54491-1259	J-61	55222-1924	J-94	56035-8X00	B-27
53927-501X	M-14	54515-0411	N-3	55233-011X	Q-17	57005-5000	W-68
53929-XX08	A-12	54516-049X	N-4	55244-5021	M-3	57005-6000	W-66
53941-XX05	N-131	54518-XX02	A-2	55246-001X	M-4	57007-3000	W-68
53944-XX05	N-130	54526-XXX0	J-89, J-90	55299-XX08	A-17	57014-3000	W-69
53949-XX08	A-21	54546-XX90	A-76	55306-1408	A-29	57017-3000	W-69
53956-XXXX	J-89	54552-XX06	A-8	55323-1511	A-93	57022-3000	W-68
53956-0XX1	J-97	54557-XXXX	J-89, J-91	55332-XXXX	J-89	57027-5000	W-66
53956-1921	J-97	54565-4955	L-37	55332-0X04	J-96	57029-5000	W-66
53984-0611	N-10	54596-XX10	A-109	55332-1204	J-96	57030-3000	W-68, W-69
54030-0490	N-5	54597-XX00	A-110	55332-2404	J-96	57031-6000	W-66
54037-XX07	A-11	54603-0951	J-59	55333-XXXX	J-89	57032-5000	W-66
54071-0800	J-89, J-99	54603-0952	J-53, J-60	55333-XX04	J-95	57033-6000	W-67
54075-1009	N-123	54603-1101	J-59	55339-XX08	A-7	57034-3000	W-68
54092-0811	A-94	54603-1102	J-53, J-60	55347-40X5	U-22	57035-5000	W-66
54102-XX08	A-18	54612-0890	A-77	55347-52X5	U-23	57036-5000	W-67
54104-XX90	G-13	54629-0290	D-110	55348-1215	U-21	57037-5000	W-67
54110-2009	N-127	54674-0718	M-41	55351-0559	J-79	57045-3000	W-68
54122-201X	N-151	54727-XX17	Q-17	55351-1109	J-72	57046-5000	W-23, W-26, W-44, W-66
54122-501X	N-151	54743-0290	D-111	55351-1259	J-77	57047-3000	W-68
54124-0608	A-32	54745-0312	J-87	55356-0011	M-8	57050-5000	W-26, W-44, W-66
54132-XX90	G-14	54748-XX17	Q-17	55357-0XX9	J-78	57052-3000	W-68
54137-XX08	A-11	54750-0558	J-66	55357-1109	J-71	57053-5000	W-66
54142-144X	L-19	54750-0559	J-65	55357-1259	J-74	57055-3000	W-68
54144-144X	L-20	54775-0411	N-8	55357-1549	J-71	57056-5000	W-23, W-44, W-66
54145-XX05	N-129	54780-0558	J-68	55357-1759	J-74	57057-6000	W-23, W-44, W-66
54150-XX08	A-20	54780-0559	J-67	55358-5021	M-5	57064-5000	W-66
54167-XX08	A-24	54796-0808	A-4	55359-5021	M-6	57067-3000	W-68, W-69
54189-144X	L-22	54802-0411	N-7	55364-0011	M-9	57068-5000	W-66
54206-0609	A-26	54818-0411	N-6	55365-0011	M-10	57069-3000	W-68, W-69
54230-XX08	A-30	54819-0511	N-32	55372-XX08	A-3	57070-5000	W-66
54231-0419	N-18	54819-0578	N-33	55376-0XX9	J-78	57071-3000	W-69
54238-2009	N-125	54884-XXXX	J-89	55376-1109	J-71	57072-6000	W-23, W-24, W-44, W-66, W-67
54281-XX10	A-102	54884-XX00	J-92	55376-1259	J-74	57075-5000	W-23, W-45, W-66
54282-XX01	A-102	5597-NAPB	G-57	55376-1549	J-71	57084-3000	W-68, W-69
54306-XX11	N-157	5597-NCPB	G-57	55376-1759	J-74		

<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>
57085-5000	W-23, W-45, W-66, W-67	57352-5X00	W-25, W-45, W-67	58462-X001	U-23	62200-6100	J-203
57086-5000	W-23, W-45, W-67	57355-XX00	W-67	58462-X011	U-21, U-22	62200-6500	N-174
57090-3000	W-69	57385-3000	W-69	58474-X000	U-23	62200-6600	N-174
57091-3000	W-69	57385-5000	W-67	58474-X001	U-21, U-22	62200-67XX	N-175, W-53, W-79
57092-6000	W-66	57391-3000	W-69	58510-0000	U-28, U-29	62200-7400	G-58
57093-6000	W-67	57399-X000	W-67 W-69	58510-0001	U-27	62200-7500	J-203
57094-6000	W-66, W-67	57404-X000	W-67 W-69	58511-0000	U-28, U-29	62200-7600	N-178
57095-3000	W-69	57826-5000	N-179, N-180	58511-0001	U-27	62200-7700	G-58
57096-3000	W-69	57827-5000	N-181	58564-000X	Q-18	62200-7800	G-58
57097-5000	W-67	57828-5000	N-181	58782-0010	U-23	62200-7900	G-58
57105-6000	W-23, W-24, W-45, W-66, W-67	57832-5000	N-180	58782-0011	U-21, U-22	62200-8000	J-206
57106-5000	W-67	57833-5000	N-181	58783-0010	U-23	62200-8100	J-206
57107-3000	W-69	57834-5000	B-172	58783-0011	U-21, U-22	62200-8200	J-197, K-34
57108-3000	W-69	57835-5000	N-180	58892-0XX1	N-158	62200-8900	N-182
57110-3000	W-69	57836-5000	N-181	58913-000X	Q-19	62200-9000	N-182
57117-4000	B-5	57837-5000	N-179, N-180	58916-0XX5	B-29	62201-XXX1	J-187, J-188, J-190, J-191
57118-5000	W-23, W-45, W-67	57838-5000	N-181	58916-1005	B-29	62201-0900	J-187, J-189
57119-5000	W-23, W-45	57839-5000	N-181	59105-0X31	J-69	62201-1000	J-189
57120-6000	W-67	57843-5000	N-179, N-180	59204-9401	N-34	62201-1002	J-187, J-189, J-191
57121-3000	W-69	57844-5000	N-181	59232-XXXX	J-98	62201-1100	J-187, J-189
57122-3000	W-69	57845-5000	N-181	59233-0XX1	N-15	62201-1200	J-191
57125-5000	W-67	57846-7000	N-180	59233-300X	N-14	62201-1300	J-191
57132-5000	W-24, W-45, W-67	57847-7000	N-180	59233-6003	N-16	62201-1302	J-190, J-191
57135-5000	W-67	57848-5000	N-181	59233-7XXX	N-17	62201-140X	J-191
57138-3000	W-69	57849-5000	N-179, N-180	59233-900X	N-13	62201-160X	J-189
57139-5000	W-67	57850-5000	N-181	59370-8X00	B-62	62201-1700	N-178
57140-5000	W-45, W-67	57851-5000	N-181	59666-0010	N-137, N-141, N-145	62201-1800	J-191
57144-3000	W-69	57856-5000	N-180	59667-0010	N-138, N-139, N-140, N-146	62201-2X00	J-200
57145-3000	W-69	57857-5000	N-181	62100-0XXX	N-179, W-54	62201-3X00	J-200
57151-3000	W-69	57858-5000	N-181	62100-0300	C-143, W-55	62201-3700	J-197, K-34
57153-3000	W-68	57859-5000	N-179, N-180	62100-0400	B-177, D-117, W-55	62201-3800	J-197, K-34
57156-3000	W-68	57860-5000	N-181	62100-0700	C-143, W-55, W-56, W-82	62201-5600	J-198
57161-6000	W-67	57862-5000	N-179, N-180	62100-0800	A-132	62201-5700	J-193
57168-5000	W-67	57863-5000	N-181	62100-0900	N-182	62201-5800	J-193
57173-3000	W-69	57864-5000	N-181	62100-1X00	J-195, J-196	62201-5900	J-193
57174-5000	W-67	57868-7000	N-180	62100-1500	J-206	62201-6XX0	J-194
57175-3000	W-69	57869-7000	N-180	62100-1600	J-206	62201-6400	J-201
57175-5000	W-24, W-45	57874-5000	N-180	62100-1700	J-206	62201-6600	C-145
57176-5000	W-67	57879-5000	N-180	62100-2XXX	K-34	62201-7200	N-174
57177-5000	W-66	57883-5000	N-179, N-180	62100-2000	B-171, W-55	62201-950X	J-199
57182-3000	W-69	57915-X00X	B-145	62100-26XX	K-34	62201-954X	J-199
57183-3000	W-69	58001-0000	N-133	62100-2900	K-34	62201-98XX	N-182
57187-5000	W-67	58002-0000	N-132	62100-3X00	J-192, J-196	62202-XX00	N-182
57189-5000	W-24, W-45, W-67	58003-0000	N-134, N-135	62100-3200	B-171, W-59, W-86	62300-0X00	B-176, W-61, W-89
57190-5000	W-24, W-45, W-67	58172-1508	Q-18	62100-3700	N-174	62300-01XX	C-148, D-118, W-61, W-89
57198-3000	W-69	58245-0000	N-129	62100-3800	J-191, J-198	62300-0200	F-208
57206-5000	W-67	58249-0000	N-131	62100-4100	N-182	62300-1X00	O-65
57275-4000	W-68	58257-0000	N-130	62100-4200	N-182	62300-2000	N-178
57288-5X00	W-24, W-45	58329-X1XX	Q-19	62200-XX00	G-58, N-176, N-179, F-206	62300-2900	G-59
57294-3000	W-69	58332-X000	Q-19	62200-0000	N-176	62300-3X00	C-144, C-145
57295-5000	W-24, W-45	58333-X00X	Q-19	62200-1XXX	W-53, W-79	62300-4X00	C-143, C-144, W-61, W-89
57309-6000	W-45	58355-010X	Q-18	62200-1400	M-47	62300-4200	N-177
57317-X000	W-24, W-45, W-67	58357-010X	Q-18	62200-3XXX	N-172, N-173	62300-5100	G-59
57317-3000	W-69	58358-0000	Q-18	62200-44XX	N-175, W-53, W-79	62300-5200	G-59
57321-6000	W-24, W-45	58358-1008	Q-18	62200-4500	N-178	62300-5300	C-145
57325-5000	B-172	58379-013X	Q-19	62200-4600	K-34, N-176, W-59, W-86	63600-0478	B-171, B-175, C-143, F-207, H-50, W-55
57328-3000	W-69	58380-000X	Q-19	62200-5500	K-34, N-176, W-59, W-86	63600-0518	N-174
57347-XX00	W-24, W-25, W-45	58423-1200	N-136	62200-570X	J-197	63600-0936	N-174
57352-3000	W-69	58461-X001	U-23	62200-5711	J-197	63800-0478	B-177, D-117
		58461-X011	U-21, U-22	62200-6X00	N-173		

<i>Order No.</i>	<i>Page</i>	<i>Order No.</i>	<i>Page</i>	<i>Order No.</i>	<i>Page</i>	<i>Order No.</i>	<i>Page</i>
63800-8300	0-66, W-8, W-14 to W-51	63850-82X0	W-25, W-26, W-49	63862-6000	W-26, W-50		W-73
63800-8400	W-8, W-14 to W-51	63850-84X0	W-26, W-49	63862-70X0	W-29, W-50	69002-5001	G-58, O-66, W-8, W-14 to W-51
63800-9700	C-143	63850-88X0	W-26, W-49	63862-80X0	W-24, W-50	69008-0XXX	C-146, C-150, D-120, W-72
63811-0100	W-29, W-45	63850-89X0	W-25, W-49	63862-90X0	W-18, W-50	69008-0003	W-72
63811-020X	W-23, W-24, W-45	63850-90X0	W-18, W-49	63862-91X0	W-18, W-50, W-51	69008-0005	W-51
63811-0300	W-23, W-24, W-45	63851-10X0	W-24, W-49	63862-92X0	W-18, W-51	69008-0026	W-29, W-51
63811-04XX	W-21, W-45	63851-2XX0	W-23, W-49	63863-2000	W-18, W-51	69008-0140	W-72
63811-05XX	W-21, W-45	63851-4XX0	W-29, W-49	63863-5XX0	W-24, W-51	69008-0225	B-177, C-147, D-117, W-81
63811-06XX	W-21, W-45	63851-50X0	W-23, W-49	63863-90X0	W-24, W-50	69008-0240	B-177, C-147, D-117, W-81
63811-07XX	W-21, W-45	63851-60X0	W-26, W-49	63960-7270	W-50	69008-0250	W-81
63811-08XX	W-23, W-45	63851-71X0	W-24, W-49	67003-000X	M-18, M-19	69008-0270	B-177, C-147, D-117, W-55, W-56, W-81, W-82
63811-1000	W-14, W-15	63851-80X0	W-26, W-49	67005-0001	M-22	69008-0290	B-175, B-177, C-147, D-117, W-55, W-81
63811-1100	W-15, W-16, W-20, W-45	63852-60X0	W-26, W-49	67038-0000	M-21	69008-0949	B-177, C-147, W-81
63811-1175	W-45	63852-61X0	W-25, W-49	67045-0001	M-18	69008-0959	B-5, W-72
63811-12XX	W-24, W-46	63852-70X0	W-29, W-49	67046-000X	M-18	69008-0985	W-29, W-51, W-72
63811-1400	N-182	63852-80X0	W-24, W-49	67068-000X	N-25	69008-10XX	P-34, W-80
63811-15XX	W-20, W-46	63852-90X0	W-18, W-49	67068-001X	N-26	69008-10X0	H-47
63811-1600	W-20, W-46	63852-91X0	W-18, W-49	67068-011X	N-26	69008-1011	W-72
63811-20XX	W-21, W-46	63852-92X0	W-18, W-49	67068-1X1X	N-26	69008-105X	J-202
63811-22XX	W-46	63853-2000	W-18, W-49	67068-100X	N-25	69008-11XX	O-63
63811-23XX	W-46	63853-50X0	W-24, W-49	67083-100X	M-46	69012-0XX0	C-149, D-119, W-60, W-88
63811-28XX	W-21, W-46	63853-5200	W-25, W-49	67083-200X	M-46	69014-009X	C-148, O-66
63811-29XX	W-46	63853-90X0	W-24, W-49	67083-300X	M-47	69015-10XX	W-77
63812-0000	W-17 to W-19, W-22, W-25, W-27, W-28, W-46	63860-1XX0	W-26, W-49	67084-01XX	M-46	69015-60XX	W-77
63813-XX00	W-20, W-21, W-46	63860-1000	W-18, W-21, W-22, W-26, W-49	67084-013X	M-47	69015-700X	W-77
63820-1XXX	W-46, W-47	63860-12X0	W-21, W-22, W-26, W-49	67084-021X	M-46	69017-00XX	O-66
63820-7XX0	W-47	63860-14X0	W-18, W-21, W-22, W-26, W-49	67084-022X	M-46	69020-0XXX	W-84
63820-7000	N-182, W-47	63860-20X0	W-28, W-49, W-50	67084-023X	M-47	69020-0XX0	H-52, W-84
63820-8XX0	W-47	63860-21X0	W-28, W-49	67084-03XX	M-46	69020-00XX	O-64
63821-XXX0	W-24, W-47	63860-22X0	W-28, W-49, W-50	67084-04XX	M-46	69020-01XX	O-64
63822-XX00	W-47	63860-22X0	W-28, W-49, W-50	67084-043X	M-47	69020-0140	O-64, W-60, W-87
63822-0000	W-17, W-20, W-47	63860-30X0	W-24, W-50	67114-0001	M-20	69020-0500	O-64
63830-XXX0	W-19 to W-21, W-47	63860-31X0	W-24, W-50	67121-0001	M-31	69020-0660	H-47, H-52, H-53, W-84
63840-4XX0	W-21, W-47	63860-40X0	W-23, W-24, W-27, W-50	67121-0006	M-32	69020-0900	H-52, H-53, W-84
63840-43X0	W-21, W-48	63860-41X0	W-23, W-27, W-50	67130-0001	M-29	69020-1902	H-47, H-52
63840-50X0	W-21, W-48	63860-42X0	W-27, W-50	67130-0002	M-25	69020-1935	H-47
63840-52X0	W-21, W-48	63860-50X0	W-25, W-50	67130-0003	M-26	69029-10XX	W-88
63840-6XX0	W-48	63860-5100	W-18, W-24, W-50	67155-0001	M-12	69037-1XXX	O-66, W-74 to W-76
63841-XXXX	W-48	63860-60XX	W-23, W-48, W-50	67155-0002	M-11	69037-109X	J-202, W-76
63850-10X0	W-18, W-21, W-22, W-26, W-48	63860-7X00	W-23, W-50	67171-X00X	N-30	69037-1163	B-5, W-76
63850-11X0	W-26, W-48	63860-7470	W-50	67193-0021	L-36	69037-2XXX	O-66, W-74 to W-76
63850-12X0	W-21, W-22, W-26, W-48	63860-75X0	W-24, W-50	67193-0022	L-36	69053-1002	C-148
63850-14X0	W-18, W-21, W-22, W-26, W-48	63860-76X0	W-23, W-24, W-50	67226-000X	N-22	69053-1003	B-172
63850-20X0	W-28, W-48	63860-77X0	W-24, W-25, W-50	67230-000X	N-21	69058-0949	D-117
63850-21X0	W-28, W-48	63860-80X0	W-21, W-50	67232-0001	M-30	69127-1XX0	H-51, W-89
63850-22X0	W-28, W-48	63860-81X0	W-21, W-50	67248-X00X	N-27	69127-10XX	H-48, H-49
63850-30X0	W-24, W-48	63860-82X0	W-25, W-26, W-50	67259-XX00	B-123	70107-00XX	C-28, C-29
63850-31X0	W-24, W-48	63860-84X0	W-26, W-50	67260-0001	B-122	70246-XXXX	C-68
63850-40X0	W-23, W-24, W-27, W-48	63860-88X0	W-26, W-50	67261-XX00	B-126	70247-XXXX	C-69
63850-41X0	W-23, W-27, W-48	63860-89X0	W-25, W-50	67262-0001	B-125	70498-40XX	N-86
63850-42X0	W-27, W-48	63860-90X0	W-18, W-50	67265-X00X	N-29	70498-5050	N-86
63850-50X0	W-25, W-48	63861-10X0	W-24, W-50	67279-XXX0	B-124	70498-5068	N-86, N-176
63850-5100	W-18, W-24, W-48	63861-2XX0	W-23, W-50	67280-XXX0	B-127	70499-400X	N-86
63850-6000	W-23, W-48	63861-4XX0	W-29, W-50	67285-X00X	N-28	70541-00XX	C-37
63850-7XXX	W-23, W-24, W-25, W-48	63861-5XX0	W-23, W-50	67329-00XX	N-23, N-24	70543-0XXX	C-36
63850-80X0	W-21, W-48	63861-60X0	W-26, W-50	68156-0720	M-42	70545-00XX	C-38
63850-81X0	W-21, W-48, W-49	63861-7XX0	W-24, W-50	69001-10XX	W-73	70551-00XX	C-40
		63861-80X0	W-26, W-50	69001-20XX	W-73		
		63862-6XX0	W-25, W-50	69002-5000	O-66, W-8, W-14 to W-51,		

<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>
70553-0XXX	C-39	71661-2XXX	K-26	73631-100X	N-73	73884-00XX	R-7
70555-00XX	C-41	71661-25XX	K-27	73631-3X0X	N-71	73885-000X	R-7
70563-0XXX	C-45	71661-50XX	K-30	73632-00XX	J-30	73899-000X	R-7
70575-00XX	C-46	71661-7XXX	K-29	73632-01XX	J-29	73927-00XX	K-3
70928-0002	N-98	71690-XXXX	F-57	73632-0230	J-30	73927-00X0	K-4
70928-200X	N-99	71691-0003	N-102, N-179	73632-0330	J-29	73927-0001	K-3
70929-2000	N-103, N-179	71694-XXXX	F-56	73632-10XX	J-30	73927-0020	K-3, K-4
70982-0002	N-122	71715-400X	N-115	73632-11XX	J-29	73942-XX00	J-33
70982-100X	N-122	71718-2000	N-114	73632-1230	J-30	73943-XX00	J-34
70984-10XX	N-103	71719-3000	N-115	73632-1330	J-29	73944-XXXX	J-37
70984-400X	N-113	71720-1000	N-107	73642-XX00	J-33	74026-6XX0	J-11
71061-000X	N-79	71723-0001	N-108	73642-0X00	J-33	74026-8XXX	J-18
71109-200X	L-2	71736-00XX	L-11	73643-XX00	J-34	74029-6000	J-15
71109-500X	L-2, L-3	71741-X00X	A-74	73644-00XX	J-36	74029-8000	J-22
71109-502X	L-3	71742-X00X	A-73	73644-02XX	J-36	74037-0006	J-10
71161-XX0X	F-56, F-57	71743-10XX	K-12	73644-10XX	J-36	74037-0008	J-17
71163-100X	N-77	71754-2000	N-174	73644-12XX	J-36	74037-600X	J-10
71182-2000	N-65	71764-0XXX	C-54	73644-2XXX	J-36	74037-800X	J-17
71182-3000	N-64	71770-1000	N-121	73644-3XXX	J-36	74057-100X	J-12
71197-9001	N-172 to N-174	71771-1000	N-121	73650-XXXX	J-33, J-34, J-36, J-41	74057-250X	J-12
71198-1001	N-172 to N-174	71781-000X	N-37 to N-46, N-64 to N-69	73651-XXXX	J-37	74058-10XX	J-13
71226-0XXX	G-33	71973-XXXX	C-80, C-81	73651-0XXX	J-31	74058-25XX	J-13
71226-1XXX	G-33	71979-0XXX	C-79	73651-1XXX	J-31	74059-10XX	J-14
71226-2XXX	G-33	71989-2003	N-120	73656-0000	J-38	74059-25XX	J-14
71226-3XXX	G-33	73041-000X	R-7	73656-1000	J-45	74060-100X	J-19
71231-0XXX	F-59	73043-000X	R-7	73659-000X	J-38	74060-250X	J-19
71232-0XXX	F-58	73046-00XX	R-7	73660-X000	J-32	74061-10XX	J-20
71233-0XXX	F-61	73068-000X	R-7	73665-0000	J-32	74061-25XX	J-20
71234-0XXX	F-60	73070-100X	R-7	73666-0000	J-32	74062-10XX	J-21
71243-000X	L-15	73082-0001	R-7	73712-2000	N-67	74062-25XX	J-21
71243-300X	L-7	73086-0001	K-8, R-8	73712-3000	N-66	74065-000X	K-9
71245-X000	N-104	73086-000X	K-8	73712-4000	N-69	74182-X00X	N-78
71251-00XX	L-10	73099-0XXX	C-35	73712-5000	N-68	74190-000X	C-43
71251-300X	L-14	73100-00XX	P-30, P-32, P-33	73769-XX00	J-47	74190-100X	C-44
71251-3101	L-14	73100-001X	P-28	73770-XX00	J-48	74191-0001	L-5
71251-5101	L-16	73100-01XX	P-16, P-20, P-29, P-32, P-33	73771-XXXX	J-51	74191-0002	L-6
71256-000X	N-104, N-108, N-179, W-53, W-54, W-79	73100-02XX	P-15, P-16, P-33	73772-000X	N-63, N-175, W-53, W-79	74191-0003	L-4
71264-3000	K-32	73101-00X0	P-30, P-33	73776-0X01	N-90	74191-0004	L-5
71265-5000	K-33	73101-0071	P-31	73780-X2XX	J-46	74191-0005	L-5
71295-20XX	N-87, N-177	73101-0120	P-33	73781-XX00	J-47	74191-0006	L-5
71349-XXXX	C-63, C-64	73104-500X	P-28	73782-XX00	J-48	74191-0007	L-4
71425-1001	N-94	73131-XXXX	P-31	73783-XXXX	J-50	74191-0008	L-6
71430-0XXX	N-91, N-92	73137-5003	P-32	73796-100X	N-95	74210-0001	J-2
71436-XX64	A-70 to A-72	73138-50X3	P-30, P-32	73797-XX00	J-42	74302-1XXX	N-83, N-84
71439-XX64	A-70 to A-72	73171-0440	P-31	73798-XX00	J-43	74303-1XXX	N-80, N-81
71475-100X	N-106	73174-0XX3	P-28	73799-XXXX	J-44	74305-XX0X	N-74, N-76
71477-000X	N-107	73251-01XX	P-19, P-23, P-24	73800-XX00	J-39	74306-030X	N-70
71478-100X	N-105	73251-02XX	P-19, P-21 to P-23	73801-XX00	J-40	74306-130X	N-70
71624-100X	N-111	73251-04X0	P-22, P-23	73802-XXXX	J-41	74308-000X	N-72
71624-2004	N-112	73251-08X0	P-24, P-25	73809-0X00	J-41	74320-100X	N-36, N-38, N-44
71624-3000	N-113, N-179	73251-09X0	P-23 to P-25	73809-02XX	J-39 to J-41	74320-20XX	N-36, N-42, N-46
71626-100X	N-109	73251-10XX	P-24	73810-1X00	J-41	74320-300X	N-36, N-37, N-43
71626-4000	N-110	73366-00X0	P-10 to P-12	73810-12XX	J-39 to J-41	74320-400X	N-36, N-40
71628-X000	N-121	73391-00X0	P-20, P-21	73811-1X0X	L-35	74320-500X	N-36, N-39
71629-X000	N-121	73415-09X1	P-5 to P-7	73814-1000	N-174	74320-90XX	N-36, N-41
71631-300X	J-182	73415-10XX	P-6, P-11, P-12	73826-000X	K-14	74320-9014	N-36, N-45
71633-1002	J-183	73415-1121	P-5	73829-000X	K-15	74323-2001	N-63, N-174
71660-35XX	K-24	73415-1251	P-5	73838-000X	C-14	74323-2002	N-174
71660-7XXX	K-25	73415-21X1	P-5	73847-000X	K-6	74323-2003	N-63, N-174
		73623-1001	N-173, N-174	73847-0001	K-6, R-8	74323-2004	N-174

<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>	<b>Order No.</b>	<b>Page</b>
74323-2011	N-63, N-174	85009-0115	J-159	85106-0XXX	J-117	85543-0001	0-11
74323-2012	N-174	85009-03XX	J-159	85107-0XXX	J-123	85910-203X	J-122, J-123
74323-2031	N-63, N-174	85009-0452	J-159	85108-0XXX	J-118	85914-00XX	J-128
74323-2032	N-174	85009-0555	J-159	85109-0XXX	J-124	85999-2275	J-133
74323-2033	N-63, N-174	85009-0684	J-159	85117-00XX	J-125	85999-2320	J-202, J-204
74323-2034	N-174	85009-07XX	J-159	85124-0XXX	J-116	85999-2321	J-204
74337-00XX	N-93	85009-0854	J-159	85125-0XXX	J-122	85999-325X	0-62
74349-XXXX	J-35	85009-0971	J-159	85126-02XX	J-117	86002-3X30	Q-12
74398-0001	L-18	85011-XXXX	J-146, J-148	85127-00XX	J-123	86003-3X30	Q-12
74428-XX00	J-49	85013-00XX	J-151, J-152, J-154	85132-0XXX	J-133	86010-XX00	Q-15
74441-0001	K-5	85013-01XX	J-155	85141-0000	J-126	86012-0X00	Q-15
74730-000X	K-7	85013-0218	J-155	85160-00XX	J-127	86024-XX00	Q-12
79058-5050	N-176	85013-03XX	J-152, J-154	85170-000X	J-201	86025-3300	Q-12
79058-80XX	N-177	85013-04XX	J-154, J-155	85171-00XX	J-119	86030-0X00	Q-16
79059-19XX	N-85	85013-1029	J-151	85178-000X	J-202	86030-3X00	Q-16
79059-27XX	N-82	85013-11XX	J-152, J-154	85189-00XX	J-203, J-204	86032-X000	Q-13
79107-00XX	B-7	85013-1225	J-155	85189-0024	J-203	86034-X000	Q-15
79108-00XX	B-8	85013-1512	J-154	85189-0036	J-204	86040-0X00	Q-16
79109-X0XX	B-10	85013-16XX	J-154	85189-0048	J-204	86045-5000	Q-4
79109-X2XX	B-9	85013-1768	J-151	85189-0050	J-203	86046-3000	Q-4
83000-0083	N-162	85013-19XX	J-154	85189-01XX	J-205	86048-5000	Q-4
83000-950X	N-162	85013-20XX	J-151, J-152	85189-02XX	J-201, J-205	86053-XX00	Q-14
83421-9014	N-162	85013-21XX	J-151	85189-0256	J-201	86055-XX00	Q-14
83421-904X	N-163	85013-22XX	J-154, J-155	85189-0268	J-201	86056-XX00	Q-14
83422-90XX	N-162, N-163	85013-23XX	J-154, J-155	85189-0294	J-201, J-205	86063-XX00	Q-13
83424-90XX	N-162, N-163	85013-24XX	J-155	85189-0309	J-201, J-205	86063-XX60	Q-13
83611-90XX	N-159, N-160	85013-31XX	J-154	85189-0402	J-202, J-205	86065-5X00	Q-13
83612-90XX	N-159, N-160	85015-0XXX	J-157	85189-0414	J-205	86066-XXX0	Q-15
83614-901X	N-159, N-160	85017-0XXX	J-161	85189-0426	J-202, J-203	86070-X000	Q-4
83619-90XX	N-161	85022-0062	J-163	85189-0438	J-203	86071-3000	Q-4
84311-0476	J-132	85022-03XX	J-162	85189-0529	J-202, J-204	86075-5000	Q-4
85001-0012	J-138	85022-04XX	J-162, J-163	85189-0608	J-204	86076-5000	Q-4
85001-0036	J-140	85022-05XX	J-162, J-163	85189-0610	J-204	86086-5200	Q-3
85001-0050	J-140	85022-06XX	J-162, J-163	85189-0622	J-204	86087-5202	Q-3
85001-0074	J-138	85023-0XXX	J-162, J-163	85189-0634	J-202	86102-0X00	Q-12
85001-0191	J-140	85040-0XXX	J-139	85189-07XX	J-202	86105-0X00	Q-3
85001-0256	J-140	85040-00XX	J-137, J-139	85311-X003	J-132	86105-1X00	Q-3
85001-0282	J-138	85040-0127	J-139	85311-0XXX	J-130 to J-132	86105-2X00	Q-3
85001-0373	J-138	85040-0191	J-137	85320-00XX	L-46	86110-1000	Q-15
85001-0385	J-140	85040-0713	J-137	85320-01XX	L-46	86112-X000	Q-15
85001-0397	J-140	85040-1005	J-137	85320-02XX	L-46	86113-0000	Q-15
85003-0XXX	J-144	85040-1031	J-139	85320-06XX	L-46	86124-0010	Q-12
85003-00XX	J-142	85042-XXXX	J-141, J-143	85322-0361	J-166	86125-XXX0	Q-12
85003-0531	J-142	85048-XXXX	J-158	85322-0505	J-165	86130-XX00	Q-16
85003-0701	J-142	85050-00XX	J-145, J-147	85323-0XXX	J-129	86140-XX00	Q-16
85003-1081	J-144	85050-01XX	J-149	85403-1104	5-7	86142-2300	Q-16
85003-1263	J-144	85052-0XXX	J-153	85403-1310	5-7	86145-0100	Q-4
85003-14XX	J-144	85052-0593	J-150	85502-00XX	0-17, 0-18	86146-1500	Q-4
85003-15XX	J-144	85052-06XX	J-150, J-153	85503-0001	0-7	86152-XX00	Q-14
85003-1603	J-144	85052-07XX	J-153	85504-0001	0-8	86156-1000	Q-14
85003-1653	J-142	85052-08XX	J-150	85505-000X	0-9	86160-0000	Q-13
85003-1691	J-144	85054-00XX	J-156	85506-000X	0-49	86161-X000	Q-13
85003-17XX	J-142	85056-0XXX	J-160	85507-0001	0-50	86166-XX00	Q-15
85003-1859	J-142	85089-XXXX	J-206	85508-0001	0-51	86166-0650	Q-15
85003-2385	J-144	85100-0XXX	J-114	85510-00XX	0-52	86166-1010	Q-15
85003-2529	J-144	85101-0XXX	J-120	85511-000X	0-48	86167-XX10	Q-15
85003-2830	J-144	85102-0XXX	J-115	85513-00XX	0-54	86170-0430	Q-4
85003-30XX	J-142	85103-0XXX	J-121	85520-0002	0-28	86170-0550	Q-13
85009-00XX	J-159	85104-0XXX	J-116	85533-0002	0-6	86171-XX00	Q-4
85009-0050	J-159, J-160	85105-0XXX	J-122	85542-0001	0-19	86172-0000	Q-15

Order No.	Page	Order No.	Page	Order No.	Page	Order No.	Page
86180-3X01	Q-11	87568-XX4X	B-3	89415-68XX	M-39	90130-13XX	C-101
86181-0000	Q-11	87568-XX6X	B-3	89415-68X1	M-38	90130-2XXX	C-102
86186-00X0	Q-3	87568-XX7X	B-3	89434-0001	M-38	90130-3XXX	C-103
86293-06XXX	S-8	87568-XX9X	B-3	89436-00X0	M-38	90130-4XXX	C-104
86293-2XXX	S-8	87568-1XXX	B-17	89485-000X	N-20	90131-0XXX	C-93
86702-0000	Q-12	87568-2XXX	B-17	90030-X001	T-31	90136-1XXX	C-99
86780-0010	Q-11	87568-3XXX	B-17	90059-00XX	C-83	90136-2XXX	C-100
86990-90XX	Q-5, Q-6	87568-4XXX	B-17	90075-0001	0-3, 0-66	90142-00XX	C-88
87012-000X	K-16	87568-5XXX	B-17	90075-0003	0-3, 0-63, 0-64	90143-0XXX	C-89
87018-8061	K-20	87569-10XX	B-3, B-18	90075-0005	0-3, 0-66	90147-1XXX	C-74
87031-04X3	0-2, 0-65	87571-0001	K-18	90075-0006	0-66	90147-2XXX	C-74
87031-06XX	0-2, 0-65	87572-0001	K-17	90075-0007	0-3, 0-63, 0-64	90148-1XXX	C-75
87049-XX16	B-4, B-19, B-21	87577-0111	A-34	90075-0008	0-64	90151-2XXX	C-105
87049-XX17	B-4, B-19, B-21	87579-0111	A-35	90075-0009	0-3, 0-66	90151-3XXX	C-105
87089-XX16	B-19	87587-00XX	L-12	90075-0010	0-66	90152-2XXX	C-106
87089-XX17	B-19	87587-01XX	L-12	90075-0011	0-3, 0-63, 0-64	90156-01XX	C-87
87123-0X01	N-167	87599-0001	K-22	90075-0012	0-64	90160-01XX	C-90
87130-XX00	I-26	87606-0001	F-199	90075-0025	0-3, 0-66	90170-00XX	H-18
87203-XXXX	N-165	87607-0001	F-198	90075-0027	0-3, 0-63, 0-64	90198-0001	D-116
87204-XXXX	N-164	87609-00XX	L-13	90075-0029	0-3, 0-66	90293-00XX	B-120
87220-XXXX	N-166	87615-0001	F-201	90075-0030	0-66	90298-00XX	B-121
87221-0001	F-202	87616-0001	F-200	90075-0031	0-3, 0-63, 0-64	90325-00XX	H-4
87256-XX11	C-67	87620-0001	K-11	90075-0032	0-64	90325-30XX	H-4
87263-XX2X	B-14	87623-00XX	L-9	90075-0033	0-3, 0-66	90327-X3XX	H-2
87264-XX5X	B-12	87623-01XX	L-9	90075-0034	0-66	90331-XXXX	F-144
87267-XX1X	B-4	87630-00XX	L-17	90075-0035	0-3, 0-63, 0-64	90500-30XX	G-43
87267-XX5X	B-4, B-20	87636-000X	L-8	90075-0036	0-64	90500-40XX	G-42
87280-XX00	I-22	87636-001X	L-8	90075-0049	0-66	90584-X3XX	H-3
87331-XX2X	B-3, B-22	88728-XX00	N-31	90075-005X	0-66	90627-0XXX	C-95
87331-XX4X	B-3	88732-9X00	N-31	90075-006X	0-66	90628-0XXX	C-97
87332-XX1X	B-3	88738-8X00	N-31	90075-0122	0-66	90629-0XXX	C-96
87332-XX2X	B-3, B-23	88741-80XX	N-36, N-48	90075-0124	0-64	90630-0XXX	C-98
87333-XX2X	B-3, B-24	88741-81XX	N-36, N-49	90075-0126	0-66	90635-1XXX	H-17
87333-XX3X	B-3	88741-82XX	N-36, N-47	90075-0128	0-64	90635-3XXX	H-17
87340-XX2X	B-16	88741-83XX	N-36, N-53	90075-0130	0-3, 0-66	90647-1XXX	B-94
87360-0001	F-203	88741-84XX	N-36, N-51	90075-0132	0-3, 0-63, 0-64	90648-10XX	B-97
87368-XX2X	B-13	88741-85XX	N-36, N-52	90075-0134	0-66	90649-1XXX	B-95
87369-XX0X	B-51	88741-86XX	N-36, N-55	90075-0136	0-63, 0-64	90650-00XX	B-93
87370-XX02	N-171	88741-87XX	N-36, N-56	90075-0139	0-3, 0-66	90651-00XX	B-96
87380-XX0X	B-11	88741-8800	N-36, N-60	90075-0141	0-3, 0-63, 0-64	90663-1XXX	H-25
87381-XX6X	B-15	88741-8900	N-36, N-59	90075-0143	0-66	90663-3XXX	H-26
87391-0X01	N-168	88741-90XX	N-36, N-50	90075-0145	0-63, 0-64	90670-X003	J-132
87391-6X01	N-168	88741-9100	N-36, N-62	90119-01XX	C-85	90715-00XX	H-7
87421-0000	A-128	88741-9200	N-36, N-57	90119-21XX	C-85	90779-00XX	H-6
87427-XXXX	F-50, F-53, F-54	88741-9300	N-36, N-58	90120-01XX	C-91	90779-30XX	H-6
87427-020X	F-53	88741-9400	N-36, N-61	90120-07XX	C-91	90783-00XX	B-98
87433-XXXX	A-63	88741-96XX	N-54	90120-08XX	C-91	90784-10XX	B-99
87436-XXXX	A-63	88743-2X02	N-63	90120-09XX	C-91	90800-00XX	H-8
87437-XX3X	A-130	88745-2200	N-36	90121-01XX	C-92	90814-0XXX	H-5
87438-XX3X	A-131	88780-600X	N-63	90121-07XX	C-92	90814-3XXX	H-5
87439-XX00	A-129	88789-933X	N-63, N-175, W-53, W-79	90121-0800	C-92	91226-00XX	B-100
87520-0001	F-204	89074-68XX	M-40	90121-09XX	C-92	92315-XXXX	H-9
87522-4XXX	0-4	89177-60XX	L-48	90122-01XX	C-94	92316-XXXX	H-12
87522-6XXX	0-4	89177-92XX	L-49	90122-07XX	C-94	92317-XXXX	H-10
87522-8XXX	0-4	89235-37XX	L-38	90122-0800	C-94	92318-XXXX	H-11
87527-1611	F-205	89332-1002	M-38	90122-09XX	C-94	94100-01XX	L-45
87537-681X	K-21	89400-0XXX	B-52	90123-01XX	C-86	94100-0235	L-45
87540-0X01	C-47	89400-1XXX	B-52	90123-02XX	C-86	94123-0002	L-40
87552-0XX1	K-19	89401-0X1X	B-53	90130-11XX	C-101	94123-1002	L-39
87557-0001	K-10	89401-1X1X	B-53	90130-12XX	C-101	94125-5XX2	L-41, L-42

<i>Order No.</i>	<i>Page</i>	<i>Order No.</i>	<i>Page</i>	<i>Order No.</i>	<i>Page</i>	<i>Order No.</i>	<i>Page</i>
94208-0011	M-24	MLG-0000X-02	S-3				
94213-X0XX	F-16	MMC-00001-0X	S-3				
94301-1006	M-43	MSY-000XX-XX	S-5				
94303-X006	M-44	MUS-000XX-XX	S-4				
94314-5XX6	M-45	PFR-000XX	S-8				
94334-5XX4	F-175	PID-000XX	S-6, S-7				
94337-5004	F-174	RAA-00004	S-12				
94535-700X	F-13	RFR-000XX	S-8				
94539-1000	F-145	UPF-000XX	S-12				
94539-9XX3	F-146	WFR-00039	S-8				
94540-70XX	F-14	WFR-000XX-02	S-3				
95001-2XXX	0-27	WSY-0000X-XX	S-5				
95001-6XXX	0-24	WUS-0000X-0X	S-4				
95001-8XXX	0-27						
95002-2XXX	0-61						
95003-2XXX	0-58						
95003-6XXX	0-53						
95009-2XXX	0-33						
95022-2XXX	0-57						
95040-2XXX	0-29						
95040-6XXX	0-20						
95043-X881	0-5, 0-63						
95043-X89X	0-5						
95052-2887	0-59						
95122-288X	0-31						
95122-688X	0-23						
95123-2881	0-60						
CFR-04XXX	S-8						
HT1353	W-66						
HT1807	W-66						
HT2759	W-35, W-66						
HT2813	W-66						
HT71800	W-35						
J5800-00X	W-66, W-67						
JHTR1031C	W-66						
JHTR1719C	W-66						
JHTR2262	W-66						
JHTR2262A	W-66						
JHTR2262J	W-66						
JHTR2445A	W-66						
JHTR59XX	W-66						
JM5857A	W-68, W-69						
JM5858A	W-68						
JM5859A	W-68						
JM5860A	W-68						
JM5861A	W-68						
JM5865A	W-68						
JM5866A	W-68						
JM5867A	W-68						
JM5868A	W-68						
JM5869A	W-68						
JM5993A	W-68						
JM5996A	W-68						
JM5997A	W-68						
KPC-000XX	S-7						
KPD-000XX	S-7						
KSJ-0000X-XX	S-4						
KSJ-00011-XX	S-4						
M15T-A	W-68						
MEU-000XX-02	S-5						

<i>Series No.</i>	<i>Page</i>	<i>Series No.</i>	<i>Page</i>	<i>Series No.</i>	<i>Page</i>	<i>Series No.</i>	<i>Page</i>
1189	F-92	2345	J-85	4455	C-136, C-138, C-140, C-142	5279-NA	D-62
1190	F-93	2346	J-85	4529	F-136	5280-NA	D-69
1235	J-85, J-86	2348	J-85	4550	F-92	5281-NA	D-65
1236	J-85	2367	J-86	4559	F-136	5282-NA	D-71
1238	J-85	2378	J-85	4567	J-85	5283-NA	D-64
1247	J-86	2458	J-86	4573	L-50	5284-NA	D-70
1248	J-85	2467	J-86	4574	L-50	5285-NA	D-66
1256	J-86	2478	D-3, L-52, J-85	4578	J-85	5286-NA	D-72
1258	J-86	2481	F-178	4678	J-85, J-86	5287-NA	D-51
1261	F-94, F-95	2512	L-44	4706	F-176	5288-NA	D-54
1268	J-85	2560	D-81	4809	C-112	5289-NA	D-53
1278	J-86	2567	J-86	4811	F-176	5298-T	D-115
1292	F-94, F-95	2568	J-86	4850	G-46	5320-NA	H-14
1346	J-86	2574	L-53	5045	B-117	5320-NB	H-15
1347	J-86	2578	D-3, L-52, J-86	5046	B-118	5328	H-16
1348	J-86	2589	F-179	5051-N	B-114	5330	H-21
1356	J-85	2605	F-92	5077-NC	D-63	5332	H-19
1358	J-86	2606	F-93	5096-NC	D-80	5340	H-22
1360	F-94, F-95	2629	F-94, F-95	5102-N	B-111	5342	H-20
1367	J-86	2673	D-68	5103	B-110	5360	H-27
1375	F-94, F-95	2695	C-114	5124-NBHPB	B-163	5378	A-125, B-68
1376	F-93	2759	C-110	5127	D-61	5379	A-125, B-69
1377	F-92	2766	D-83	5145-NAH	D-47	5507	B-112
1380	F-93	2767-NAH	D-74	5145-NBH	D-49	5508	B-113
1381	F-92	2767-NBH	D-78	5145-NCH	D-48	5512-NA	B-75
1396	F-94, F-95	2767-NCH	D-76	5159	C-111	5513-NAPB	B-73
1433	F-92	2870	F-93	5167	D-55	5513-NCPB	B-74
1434	F-93	2871	F-92	5168	D-55	5532-NA	B-78
1456	J-85	2878	L-52	5190-OIT	D-114	5533-NAPB	B-76
1458	J-86	3001	D-56	5194	D-34	5533-NCPB	B-77
1490	F-94, F-95	3002	D-75, D-77, D-79	5195-N	D-36	5547-NA	C-72
1545	F-94, F-95	3003	D-73	5196-N	D-37	5548-NA	C-73
1560	F-137	3011	D-57	5197-N	D-58	5550-NA	B-90
1561	F-136	3022-NA	B-162	5198-N	D-60	5556	F-37
1567	J-85	3022-NB	B-164	5199-N	D-50	5556GSX	U-24 to U-26
1578	J-85	3024-NAHPB	B-161	5219	F-99	5557	F-41, F-46
1619	F-94, F-95	3061	D-67	5224-NCHPB	B-160	5558	F-38
1625	F-138, F-139	3069	D-11	5225	D-34	5558GSX	U-24, U-25
1678	J-85	3094-NA	B-165	5229-NAPB	G-44	5559	F-42, F-47
1772	F-138, F-139	3099	F-96	5229-NCPB	G-45	5566	F-43, F-48, F-49
1778	F-137	3190	D-27	5229	V-5	5569	F-44, F-45, F-51, F-52
1779	F-136	3191	F-97, F-98	5239-N	D-8	5576	H-23
1786	F-137	3192	D-26	5240	B-109	5578	H-24
1787	F-136	3215	D-31 to D-33	5241	B-108	5597-NAPB	G-37
1854	F-137	3243	D-20	5244-NAHPB	B-156	5597-NCPB	G-38
1855	F-136	3246	D-23	5245-NA	B-157	5597	V-5
1881	F-112	3456	J-86	5258	D-59	6271	F-92
1951	F-94, F-95	3457	J-85	5263	B-101	6310	F-92
1973	F-93	3467	J-86	5264-N	B-102	6373	C-131
1973-2	F-93	3478	J-86	5265-N	D-9	6410	C-132
2004	F-138, F-139	3567	J-85	5267-NA	B-104	6422	L-54
2107	F-113	3568	J-86	5268-NA	B-105	6438	D-4
2139	D-7	4025	L-43	5271-NA	D-38	6442	D-10
2145	D-31 to D-33	4030	C-126	5272-NA	D-43	6459	C-110
2151	F-92	4094	C-128	5273-NA	D-40	6471	C-114
2161	D-83	4161	D-81	5274-NA	D-45	6482	F-178
2163	F-94, F-95	4166	D-83	5275-NA	D-39	6800	H-31
2189	F-136	4272	F-93	5276-NA	D-44	6838	D-4
2190	F-137	4338	L-51	5277-NA	D-41	6952	B-177
2273	F-92	4366	L-50	5278-NA	D-46	7234	H-38



Series No.	Page	Series No.	Page	Series No.	Page	Series No.	Page
7258	D-4	30070	F-72, F-73	35747	F-150	39830	U-13
7307	H-38	30453	I-25	35748	F-148	39840	U-13
7382	H-42	30490	F-40	35802	G-36	39850	U-13
7395	C-134	35009	T-15	35854	G-8	39860	U-12
7478	C-133	35021	A-125, B-70	35863	G-7	39870	U-12
7517	H-42	35022	A-125, B-152	35884	L-47	39880	U-13
7534	B-166, B-167	35023	A-125, B-72	35922	D-101	39890	U-13
7560	H-38	35044	B-71	35977	D-102	39900	U-12
7674	B-177, B-178, D-12	35047	B-150	35978	D-103, D-104	39910	U-14
7675	B-177, B-178, D-13	35053	B-142	35979	D-105, D-106	39920	U-14
7720	B-177, B-178, C-116, C-117	35069	D-107	38140	U-16	39930	U-12
7720S	B-177, B-178, C-118	35100	T-9	38180	U-16	39940	U-12
7767	H-39	35135	F-141	38210	U-16	39950	U-14
7795	B-177	35150	F-153, F-155, F-157, F-159, F-161, F-162	38240	U-16	39960	U-14
7795S	B-177	35151	F-152, F-154, F-156, F-158, F-160	38250	U-16	39970	U-14
7841	D-82	35155	B-144	38260	U-16	39980	U-14
7859	C-82	35156	D-95	38280	U-16	39990	U-14
7879	C-113	35164	B-151	38330	U-17	40158	H-32
7880	C-115	35182	F-162	38440	U-17	40160	H-37
7894	D-82	35183	F-101	38540	U-17	40174	H-42
8160	B-177, B-178	35184	B-143	38600	U-15	40445	C-111
8160-NG	B-119	35184	B-143	38610	U-15	40555	B-177
8619	F-143	35191	D-108	38630	U-15	40713	C-9 to C-13, C-15 to C-20, C-22 to C-25, C-27
8624	C-48	35200	T-13	38631	U-15	41314	O-35
8723	C-58	35241	T-11	38634	U-15	41369	O-32
8724	C-59	35245	T-10	38660	U-15	41572	C-111
8818	D-5	35270	T-23 to T-26	38690	U-15	41661	D-14
8863	H-33	35272	T-27 to T-30	38691	U-15	41662	D-15
8867	H-39	35282	T-19	38700	U-15	41671	D-16
8868	H-42	35284	T-18	38701	U-15	41672	D-17
8981	F-103, F-108, F-109	35309	F-102	38704	U-15	41681	D-18
8981-04M	F-104	35312	B-147	38705	U-15	41682	D-19
8993	F-144	35313	D-96	38706	U-16	41687	O-34
8996	H-39	35315	F-142	38710	U-15	41695	D-6
8997	H-39	35328	D-109	38711	U-15	41701	D-14
21020	G-52	35354	T-14	38720	U-15	41711	D-16
21039	G-53	35356	T-15	38721	U-15	41771	D-21
21049	G-54	35358	T-15	38724	U-15	41772	D-22
24226	H-38	35362	A-98, B-55	38725	U-15	41791	D-24
24241	H-38	35363	A-98, B-56	38730	U-15	41792	D-25
24327	H-41	35403	T-8	38731	U-15	41815	D-28-D-30
24369	H-40	35420	T-17	38732	U-15	41817	F-176
24389	H-40	35421	T-16	38734	U-15	41995	F-55
24461	H-35	35427	T-20	38735	U-15	42001	F-176
24462	H-35	35430	T-21	38740	U-15	42002	F-32
24463	H-36	35454	F-180, F-184	38741	U-15	42009	C-135
24471	H-35	35491	F-182	38742	U-15	42021	F-31
24472	H-35	35507	A-98, B-54	38750	U-15	42022	F-30
24473	H-36	35508	T-12	38751	U-15	42023	F-29
24483	H-34	35509	T-13	38752	U-15	42024	F-28
24490	H-37	35510	T-13	38760	U-16	42063	O-32
24491	H-37	35548	F-185	38770	U-16	42118	O-34
24492	H-37	35565	F-181	38780	U-16	42152	C-127
24500	H-30	35567	F-183	38850	U-13	42153	C-129
25001	H-43	35572	B-146	38970	U-14	42172	F-177
25002	H-43	35716	F-100	39100	U-14	42179	F-19, F-20
26001	H-44	35719	F-140	39150	U-14	42219	B-103, B-175, B-176
30067	F-68	35725	T-22	39160	U-14	42225	C-124
30068	F-69	35745	F-151	39400	U-14	42226	C-125
30069	F-70, F-71	35746	F-149	39600	U-14		

<i>Series No.</i>	<i>Page</i>	<i>Series No.</i>	<i>Page</i>	<i>Series No.</i>	<i>Page</i>	<i>Series No.</i>	<i>Page</i>
42227	C-122	43841	O-21	50516	A-98, A-114	51198	B-129
42228	C-123	43860	O-37 to O-39	50539	D-97	51201	U-24
42249	B-106	43879	F-90, F-206	50597	F-163	51202	U-25
42254	B-153, B-175, B-176	43914	F-10	50598	F-163	51203	U-25
42267	B-107	43915	F-12	50599	F-164	51204	U-25
42313	O-32	43938	F-11	50600	F-164	51206	B-28
42324	D-81	43952	F-188	50641	A-98, A-100	51216	B-63
42375	C-119	43953	F-188	50752	B-131	51217	B-64
42376	C-121	43954	F-190	50753	A-98, A-100	52004	I-3
42377	C-120	43955	F-190	50773	U-29	52007	I-6
42385	F-65	43980	F-10, F-11	50802	B-115	52008	I-7
42404	F-67	44032	F-192	50837	B-128	52011	I-8
42410	O-56	44033	F-192	51004	A-98, B-58	52012	I-9
42440	F-66	44040	F-196	51005	A-98, B-46	52018	O-47
42474	F-63	44041	F-197	51006	A-98, B-45	52022	A-86
42475	F-64	44050	O-10	51015	A-125, B-67	52024	A-88
42477	F-92	44068	F-82 to F-85	51016	I-20	52030	G-32
42478	F-93	44133	F-134	51020	I-21	52043	G-31
42625	C-137, C-139, C-141	44144	O-16	51021	A-98, A-119	52044	G-39
42776	O-35	44150	O-12	51022	A-125, A-127	52045	G-40
42815	F-4	44170	O-14	51035	B-149	52075	B-85
42816	F-6	44193	O-22	51036	D-113	52084	B-84
42817	F-5	44242	F-133	51039	I-23	52089	G-30
42818	F-7	44248	O-43, O-44	51047	A-98, A-120	52116	T-41
42819	F-8	44281	F-91	51048	I-24	52117	T-40
42820	F-9	44300	F-135	51052	I-27	52147	I-4
42878	O-55	44380	O-40	51065	A-98, B-48	52151	I-5
43009	C-130	44441	F-24	51067	D-90	52153	I-14
43020	F-126	44472	F-76, F-79	51071	I-19	52154	I-15
43025	F-125	44473	F-80	51089	B-36	52170	B-82
43030	F-115	44474	F-78	51090	B-30	52204	G-19
43031	F-116	44475	F-77	51094	B-32	52205	G-21
43045	F-127 to F-132	44476	F-37	51102	B-132	52207	G-23
43061	D-35	44478	F-38	51103	B-133	52213	T-34, T-35
43160	F-26, F-27	44485	F-39	51110	B-6	52266	T-36, T-37
43178	F-23	44520	O-13	51114	D-88	52271	G-24
43202	O-25	44580	O-45, O-46	51115	T-4	52273	I-13
43223	O-30	44620	O-41	51116	T-5	52287	I-16
43249	O-26	50011	A-98, B-57	51117	T-6	52288	I-17
43255	F-33	50012	A-98, B-43	51118	T-7	52299	J-169
43375	F-22	50013	A-98, B-44	51127	A-98, A-115	52302	J-173
43510	F-187	50034	A-125, B-66	51138	F-165	52311	N-152
43511	F-189	50038	T-39	51139	F-166	52316	N-156, N-179, N-180
43512	F-191	50039	T-38	51140	F-169	52326	A-82
43513	F-187	50058	A-98, A-117	51142	F-170	52327	A-85
43514	F-189	50061	A-125, A-126	51143	F-173	52330	B-80
43515	F-191	50079	A-98, A-117	51144	D-98	52340	A-84
43516	F-193	50080	A-125, A-126	51146	A-98, A-101	52368	A-82
43640	F-118	50097	B-148	51152	J-101	52370	N-156
43645	F-117	50098	D-112	51153	J-102	52379	J-174
43650	F-119 to F-124	50125	A-98, A-118	51157	U-26	52380	I-10
43680	F-25	50133	A-98, A-118	51163	B-134	52396	G-20
43743	O-15	50147	T-33	51164	B-135	52409	A-83
43759	F-67	50148	T-32	51165	J-55, J-84	52410	A-83
43760	F-63	50212	A-98, B-47	51166	J-55, J-84	52411	A-84
43770	F-64	50217	D-89	51191	B-116	52412	A-85
43810	F-86 to F-89	50351	B-130	51192	U-24	52418	B-88, B-172
43814	O-42	50394	B-5	51193	U-24	52419	B-154
43838	F-194	50419	D-87	51194	U-24, U-25	52433	I-12
43839	F-195	50420	T-3	51195	U-25	52435	G-10

Series No.	Page	Series No.	Page	Series No.	Page	Series No.	Page
52437	G-12	52906	A-90	53358	B-40	53891	N-128
52465	A-57	52910	A-48, A-53	53364	A-60	53901	J-94
52478	B-37, B-172, B-173	52921	A-36, A-37	53375	B-136, B-137	53916	A-25
52479	J-169	52940	N-132	53395	A-63, A-65	53927	M-14
52480	J-173	52943	N-134	53396	A-63, A-66	53929	A-12
52481	J-174	52945	B-168	53397	A-63, A-68	53941	N-131
52482	J-169	52974	A-13	53398	A-98, A-121	53944	N-130
52484	B-31, B-172, B-173, B-174	52975	G-16	53405	D-42	53949	A-21
52492	G-41	52976	G-17	53408	A-63, A-69	53956	J-97
52515	N-153	52986	N-154	53421	B-159	53984	N-10
52537	N-143	52991	A-22	53426	B-138, B-139	54030	N-5
52539	N-144	53014	A-98, B-59	53440	A-97	54037	A-11
52557	G-22	53015	A-98, B-60	53460	N-11	54071	J-99
52559	G-15	53020	A-87	53462	N-9	54075	N-123
52565	A-79	53022	A-89	53467	A-36, A-44	54092	A-94
52569	N-142	53025	A-98, B-61	53475	A-36, A-43	54102	A-18
52578	N-137	53047	A-98, A-123	53481	A-36, A-45	54104	G-13
52580	N-138	53048	A-98, A-124	53486	A-48, A-52	54110	N-127
52584	A-63, A-64	53064	B-86	53505	A-98, A-116	54122	N-151
52588	A-58	53095	B-87	53514	M-28	54124	A-32
52602	A-63, A-67	53109	F-110	53517	B-140	54132	G-14
52610	G-25	53113	F-111	53520	D-99	54137	A-11
52629	N-147	53114	B-83	53521	D-100	54142	L-19
52635	N-141	53229	J-170	53524	M-27	54144	L-20
52637	N-140	53230	J-171	53533	B-92	54145	N-129
52660	N-149, N-179, N-180	53233	J-175	53551	A-36, A-46	54150	A-20
52661	N-149	53234	J-177	53553	A-36, A-47	54167	A-24
52668	B-158	53244	B-81	53569	A-36, A-40	54189	L-22
52686	N-145	53253	A-98, B-49	53583	A-48, A-50	54206	A-26
52688	N-146	53254	A-98, B-50	53608	B-141	54222	U-26
52689	G-18	53258	D-91	53615	D-85	54230	A-30
52691	B-41, B-172, B-173, B-174	53259	D-92	53623	A-40	54231	N-18
52693	B-42, B-172, B-173, B-174	53261	A-98, A-122	53625	A-45	54238	N-125
52712	A-96	53265	D-93	53627	A-47	54281	A-102
52745	G-9	53266	D-94	53643	A-48, A-43	54282	A-102
52746	G-11	53290	B-89	53645	A-44	54296	U-21 to U-23
52755	N-133	53291	B-155	53647	A-46	54297	U-21
52758	N-135	53294	J-172	53652	A-91	54306	N-157
52760	A-36, A-41	53296	J-179	53654	A-48, A-54	54331	N-157
52770	A-48, A-51	53297	J-176	53656	A-48, A-55	54363	A-15
52793	G-26	53298	J-178	53658	D-86	54366	N-19
52802	N-139	53299	J-180	53671	A-36, A-38	54368	U-27, U-28
52806	G-35	53307	A-59	53699	B-169	54370	U-29
52807	G-34	53309	A-62	53704	B-170	54390	N-126
52808	G-28	53313	B-38	53720	F-168	54393	G-4
52820	B-91	53314	B-39	53721	F-172	54397	N-148
52822	N-155	53315	J-170	53727	F-167	54432	L-21
52830	O-36	53316	J-171	53728	F-171	54436	A-75
52837	A-36, A-42	53317	J-175	53729	A-14	54450	A-28
52851	A-36, A-39	53318	J-177	53748	A-23	54457	J-53, J-54, J-56, J-57, J-59, J-62, J-63
52852	G-27	53319	J-172	53751	N-124	54462	A-92
52855	A-48, A-49	53320	J-179	53779	A-98, A-104	54473	J-199
52866	N-169, N-170	53321	J-176	53780	A-98, A-105	54477	A-6
52871	N-150	53322	J-178	53794	A-12	54491	J-54, J-58, J-61, J-64
52872	D-84	53323	J-180	53798	J-94	54515	N-3
52883	A-39	53324	B-34	53822	J-100	54516	N-4
52885	A-41	53325	B-35	53856	M-13	54518	A-2
52892	G-5	53331	D-52	53866	A-95	54526	J-90
52893	G-6	53339	A-80	53885	A-19	54546	A-76
52901	A-42	53353	A-61	53887	A-33		

Series No.	Page	Series No.	Page	Series No.	Page	Series No.	Page
54552	A-8	55395	N-12	58598	U-27, U-28	68322	E-3
54557	J-91	55447	A-111	58599	U-27, U-28	68328	E-3
54565	L-37	55451	A-113	58687	U-24	68329	E-3
54596	A-109, B-172	55454	A-112	58691	U-24	68332	E-3
54597	A-110	55460	B-33	58696	U-24	68333	E-3
54603	J-53, J-54, J-59, J-60	55487	B-65	58719	U-25	68340	E-4
54612	A-77	55501	J-53, J-75	58721	U-25	68342	E-4
54629	D-110	55502	J-53, J-70	58723	U-25	68344	E-4
54674	M-41	55540	J-53, J-75	58739	U-27 to U-29	68352	E-4
54743	D-111	55541	J-53, J-70	58740	U-27 to U-29	68353	E-4
54750	J-54, J-65, J-66	55546	M-7	58866	U-25	68354	E-4
54775	N-8	55614	J-55, J-81	58892	N-158	68355	E-4
54780	J-54, J-67, J-68	55615	J-55, J-81	58916	B-29	68365	E-3
54796	A-4	55616	J-55, J-80	59105	J-54, J-69	68366	E-3
54802	N-7	55617	J-55, J-80	59204	N-34	68369	E-3
54818	N-6	55622	A-5	59232	J-98	68370	E-4
54819	N-32, N-33	56016	U-29	59233	N-13 to N-17	68372	E-4
54884	J-92, J-199	56035	B-27	59319	U-25	69008	0-63
55005	U-26	57826	N-179, N-180	59320	U-25	69014	0-66
55018	A-27	57827	N-181	59370	B-62	69017	0-66
55021	M-15	57828	N-181	62200	M-47	69020	0-64
55022	M-16	57832	N-180	62300	0-65	69037	0-66
55032	N-136, N-180	57833	N-181	63800	0-66	70004	C-33
55055	A-31	57835	N-180	67003	M-18, M-19	70013	C-34
55060	J-96	57836	N-181	67005	M-22	70018	C-30
55063	A-103	57837	N-179 to N-181	67038	M-21	70021	C-6
55065	M-17	57838	N-181	67045	M-18	70022	C-32
55089	J-93	57839	N-181	67046	M-18	70058	C-7
55124	U-21 to U-23	57843	N-179, N-180	67068	N-25, N-26	70066	C-9-C-14
55125	U-21	57844	N-181	67083	M-46, M-47	70104	C-31
55150	M-37	57845	N-181	67084	M-46, M-47	70107	C-28, C-29
55155	M-33	57846	N-179, N-180	67114	M-20	70156	F-105
55157	M-34	57847	N-180	67121	M-31, M-32	70192	C-76
55170	M-36	57848	N-181	67130	M-25, M-26, M-29	70203	C-53
55176	A-108	57849	N-179, N-180	67155	M-11, M-12	70204	C-66
55177	A-107	57850	N-181	67171	N-30	70216	C-56
55178	A-106	57851	N-181	67193	L-36	70227	C-60
55186	M-35	57856	N-180	67226	N-22	70229	C-65
55201	A-16	57858	N-181	67230	N-21	70246	C-68
55209	U-27, U-28	57859	N-179, N-180	67232	M-30	70247	C-69
55211	U-29	57860	N-181	67248	N-27	70260	C-51
55222	J-94	57862	N-179, N-180	67259	B-123	70268	C-71
55244	M-3	57863	N-181	67260	B-122	70280	C-49
55246	M-4	57864	N-181	67261	B-126	70287	C-50
55299	A-17	57868	N-180	67262	B-125	70289	C-57
55306	A-29	57869	N-180	67265	N-29	70345	C-70
55323	A-93	57874	N-180	67279	B-124	70400	C-22-C-25, H-28
55332	J-96	57879	N-180	67280	B-127	70430	G-47 to G-50, V-5
55333	J-95	57883	N-179, N-180	67285	N-28	70431	G-51, V-5
55339	A-7	57915	B-145	67329	N-23, N-24	70450	C-15-C-20
55351	J-55, J-72, J-77, J-79	58319	U-26	68156	M-42	70475	C-27, H-28
55356	M-8	58320	U-26	68300	E-4	70491	N-75
55357	J-55, J-70, J-73, J-78	58321	U-26	68301	E-4	70498	N-86
55358	M-5	58395	U-26	68302	E-4	70499	N-86
55359	M-6	58423	N-136	68304	E-4	70524	C-55
55364	M-9	58455	U-21 to U-23, U-26, U-28, U-29	68305	E-4	70541	C-37
55365	M-10	58510	U-28, U-29	68308	E-3	70543	C-36
55372	A-3	58511	U-27 to U-29	68309	E-3	70545	C-38
55376	J-55, J-70, J-73, J-78	58538	U-27	68312	E-3	70551	C-40
55394	A-9	58550	U-21 to U-24	68313	E-3	70553	C-39

<i>Series No.</i>	<i>Page</i>	<i>Series No.</i>	<i>Page</i>	<i>Series No.</i>	<i>Page</i>	<i>Series No.</i>	<i>Page</i>
70555	C-41	71694	F-56	73838	C-14	85022	J-162, J-163
70563	C-45	71715	N-115	73847	K-6	85023	J-163, J-163
70567	C-61	71718	N-114	73927	K-3, K-4	85040	J-137, J-139
70568	C-62	71719	N-115	73942	J-27, J-33, J-195	85042	J-141, J-143
70575	C-46	71720	N-107	73943	J-27, J-34, J-195	85048	J-158
70634	C-42	71723	N-108	73944	J-27, J-37, J-195	85050	J-145, J-147, J-149
70660	N-116, N-117	71736	L-11	74026	J-11, J-18	85052	J-150, J-153
70665	N-118 to N-120	71741	A-74	74029	J-15, J-22	85054	J-156
70854	C-76	71742	A-73	74031	J-9	85056	J-160
70928	N-98, N-99	71743	K-12	74037	J-10, J-17	85100	J-114, J-200
70929	N-100, N-101, N-103, N-179	71744	K-13	74041	J-16	85101	J-120, J-201
70982	N-98, N-99, N-100, N-101, N-105, N-106, N-109, N-110 to N-112, N-114, N-122	71754	N-174	74057	J-12	85102	J-115, J-200
70984	N-103, N-113	71764	C-54	74058	J-13	85103	J-121, J-201
70985	N-102	71770	N-121	74059	J-14	85104	J-116, J-200
71061	N-79	71771	N-98, N-99, N-121	74060	J-19	85105	J-122, J-201
71109	L-2, L-3	71781	N-37 to N-46, N-64 to N-69	74061	J-20	85106	J-117, J-200
71139	M-47	71850	C-77	74062	J-21	85107	J-123, J-201
71156	F-106	71851	C-8	74065	K-9	85108	J-118, J-200
71163	N-77	71973	C-80, C-81	74182	N-78	85109	J-124, J-201
71182	N-64, N-65	71979	C-79	74190	C-43, C-44	85117	J-125
71197	N-172 to N-174	71990	N-116, N-117	74191	L-4-L-6	85124	J-200
71198	N-172 to N-174	71995	N-118 to N-120	74210	J-2	85125	J-201
71226	G-33	73086	K-8	74302	N-83, N-84	85126	J-200
71231	F-59	73099	C-35	74303	N-80, N-81	85127	J-201
71232	F-58	73623	N-173, N-174	74305	N-74, N-76	85141	J-126
71233	F-61	73631	N-71, N-73	74306	N-70	85150	J-200
71234	F-60	73632	J-29, J-30	74308	N-72	85151	J-201
71243	L-7, L-15	73642	J-27, J-33, J-195	74320	N-36 to N-46	85152	J-200
71245	N-104	73643	J-27, J-34, J-195	74323	N-63	85153	J-201
71251	L-10, L-14, L-16	73644	J-27, J-36, J-195	74337	N-93	85154	J-200
71256	N-104, N-108, N-179	73651	J-31	74349	J-35	85155	J-201
71264	K-32	73656	J-38, J-45	74398	L-18	85156	J-200
71265	K-33	73659	J-38	74428	J-49	85157	J-201
71295	N-87, N-177	73660	J-32	74441	K-5	85158	J-200
71308	C-52	73665	J-32	74730	K-7	85159	J-201
71349	C-63, C-64	73666	J-32	78962	L-25, L-26	85160	J-127
71395	C-78	73670	J-195, J-198	78964	L-27	85171	J-119, J-201
71425	N-89, N-94, N-178	73712	N-66 to N-69	78968	L-29-L-34	85189	J-202, J-204, J-205
71430	N-89, N-91, N-92	73769	J-47, J-195	78976	L-28	85301	J-200
71436	A-71, A-72	73770	J-48, J-195	79058	N-88, N-176, N-177	85311	J-130, J-131, J-202
71439	A-71, A-72	73771	J-51, J-195	79059	N-82, N-85	85320	L-46
71475	N-106	73772	N-63, N-175	79107	B-4, B-7	85322	J-164 to J-166
71477	N-107	73776	N-89, N-90	79108	B-4, B-8	85323	J-129, J-202
71478	N-105	73780	J-46	79109	B-4, B-9, B-10	85502	0-17, 0-18
71536	J-185	73781	J-47, J-195	83000	N-162, N-182	85503	0-7
71537	J-186	73782	J-48, J-195	83421	N-162, N-163, N-182	85504	0-8
71624	N-111 to N-113, N-179	73783	J-50, J-195	83422	N-162, N-163	85505	0-9
71626	N-109, N-110	73796	N-95	83424	N-162, N-163, N-182	85506	0-49
71628	N-100, N-101, N-105, N-106, N-109 to N-112, N-114, N-121	73797	J-27, J-42, J-195	83442	N-182	85507	0-50
71629	N-100, N-101, N-105, N-106, N-109 to N-112, N-114, N-121	73798	J-27, J-43, J-195	83611	N-159, N-160	85508	0-51
71631	J-181, J-182	73799	J-27, J-44, J-195	83612	N-159, N-160	85510	0-52
71633	J-183, J-184	73800	J-27, J-39, J-195	83614	N-159, N-160	85511	0-48
71660	K-23 to K-25	73801	J-27, J-40, J-195	83619	N-161	85513	0-54
71661	K-26 to K-30	73802	J-27, J-41, J-195	85001	J-138, J-140	85520	0-28
71690	F-57	73809	J-27	85003	J-142, J-144	85533	0-6
71691	N-102, N-179	73810	J-27	85009	J-159	85542	0-19
		73811	L-35	85011	J-146, J-148	85543	0-11
		73814	N-174	85013	J-151, J-152, J-154, J-155	85914	J-128
		73826	K-14	85015	J-157	85999	0-62
		73829	K-15	85017	J-161	87012	K-16

<i>Series No.</i>	<i>Page</i>	<i>Series No.</i>	<i>Page</i>	<i>Series No.</i>	<i>Page</i>	<i>Series No.</i>	<i>Page</i>
87018	K-20	87568	B-17, B-171	90121	C-92	90814	H-5
87031	O-2, O-63, O-65	87569	B-18	90122	C-94	91226	B-100
87049	B-4, B-21	87571	K-18	90123	C-86	92315	H-9
87089	B-4, B-19	87572	K-17	90130	C-101 to C-104	92316	H-12
87123	N-167	87577	A-34	90131	C-93	92317	H-10
87130	I-26	87579	A-35	90136	C-99, C-100	92318	H-11
87203	N-165	87587	L-12	90142	C-88	94100	L-45
87204	N-164	87599	K-22	90143	C-89	94123	L-39, L-40
87220	N-166	87606	F-199	90147	C-74	94125	L-41, L-42
87221	F-202	87607	F-198	90148	C-75	94208	M-24
87256	C-67	87609	L-13	90151	C-105	94213	F-15, F-16
87263	B-4, B-14	87615	F-201	90152	C-106	94301	M-43
87264	B-4, B-12	87616	F-200	90156	C-87	94303	M-44
87267	B-4, B-20	87620	K-11	90160	C-90	94314	M-45
87280	I-22	87623	L-9	90170	H-18	94334	F-175
87331	B-4, B-22	87630	L-17	90198	D-116	94337	F-174
87332	B-4, B-23	87636	L-8	90293	B-120	94535	F-13
87333	B-4, B-24	88117	J-202	90298	B-121	94539	F-145, F-146
87340	B-4, B-16	88728	N-31	90325	H-4	94540	F-14
87360	F-203	88732	N-31	90327	H-2	95001	O-24, O-27
87368	B-4, B-13	88738	N-31	90331	F-144	95002	O-61
87369	A-98, B-51	88741	N-36, N-47 to N-62	90500	G-42, G-43	95003	O-53, O-58
87370	N-171	88743	N-63	90584	H-3	95009	O-33
87380	B-4, B-11	88780	N-63	90627	C-95	95022	O-57
87381	B-4, B-15	88789	N-63	90628	C-97	95040	O-20, O-29
87391	N-168	89074	M-40	90629	C-96	95043	O-5, O-63, O-65
87421	A-98, A-128	89177	L-48, L-49	90630	C-98	95052	O-59
87427	F-50, F-53, F-54	89235	L-38	90635	H-17	95122	O-23, O-31
87433	A-63	89332	M-38	90647	B-94	95123	O-60
87436	A-63	89400	A-98, B-52	90648	B-97	A-8981-04V4	F-107
87437	A-98, A-130	89401	A-98, B-53	90649	B-95	A-8981-04V5	F-107
87438	A-98, A-131	89415	M-38, M-39	90650	B-93, B-175, B-176, B-177	A-8981-04V6	F-107
87439	A-98, A-129	89434	M-38	90651	B-96	MO-116	L-23, L-24
87520	F-204	89436	M-38	90652	B-175, B-176	RAA-00065	S-10
87522	O-4, O-63, O-65	89485	N-20	90663	H-25, H-26	RAA-00072	S-10
87527	F-205	90030	T-31	90715	H-7	RF-00075	S-10
87537	K-21	90059	C-83	90779	H-6	91.EU.000.D001G	S-9
87540	C-47	90075	O-3, O-63, O-64, O-66	90783	B-98	91.SC.120.D001G	S-9
87552	K-19	90119	C-85	90784	B-99	91.ST.240.D001G	S-9
87557	K-10	90120	C-91	90800	H-8		