

# PREMO-FLEX SUPERIOR RETENTION SOLUTIONS >

## FEATURES AND ADVANTAGES



### ENABLES SECURE CONNECTIVITY IN HIGH-VIBRATION AND HIGH-SHOCK ENVIRONMENTS

Cables are available with notches or ears for robust latching to help prevent accidental disconnection



### TERMINATES TO FULLY MATE WITH A WIDE RANGE OF MOLEX EASY-ON CONNECTORS

Zero-insertion force (ZIF), non-ZIF and low-insertion force (LIF) FFC connectors are available



### PERMITS USE IN A VARIETY OF APPLICATIONS

Product offerings include Gold- or Tin-plated contacts and a wide range of cable length, current capacity and flex life cycle options for design flexibility



### INCLUDES OFF-THE-SHELF OPTIONS FOR FASTER TIME TO MARKET

Custom and off-the-shelf solutions are available to match customer performance and scheduling needs

## APPLICATION SPOTLIGHT

### ENABLING RELIABLE OPERATION IN APPLICATIONS SUBJECT TO SHOCK AND VIBRATION

In consumer, medical and automotive devices subject to dynamic forces and vibration, maintaining constant connectivity is a challenge. Premo-Flex Superior Retention Cable Jumpers from Molex are designed to meet this challenge in a wide variety of demanding applications across multiple industries:

- Vehicle infotainment systems
- GPS devices
- Handheld ultrasound devices
- Medical monitoring devices
- Automotive LCD displays
- Virtual cockpits
- Insulin pumps
- Handheld gaming devices

## ORDERING INFORMATION

Series	15016	15018	15019	15025	15031	15032	15466	15467
Pitch (mm)	0.50	0.50	1.00	0.40	0.30	0.30	0.50	1.00
Current (A)	0.40	0.55	1.25	0.30	0.20	0.20	0.55	1.25
Latch Type	Notched	Latching ears	Latching ears	Latching ears	Notched	Latching ears	Latching ears	Latching ears
Easy-On Connector	200485	505110	200528	220363	504754	503566	200485	200529
Plating	Gold						Tin	
Retention Force (N)*	≥ 14N	≥ 18N	≥ 18N	≥ 35N	≥ 10N	≥ 10N	≥ 18N	≥ 18N
Max. Voltage	60V AC							
Temperature	-40 to +105°C							

\*According to connector specification; reference used 10 circuits

[www.molex.com/en-us/products/cable-assemblies/flat-flexible-cables-ffc](http://www.molex.com/en-us/products/cable-assemblies/flat-flexible-cables-ffc)

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