

# Premo-Flex Flexible Solutions

Premo-Flex Flexible Solutions deliver reliable flat flexible cables (FFC) optimal for a variety of dynamic applications with an extensive range of standard off-the-shelf and custom options that enable designers to maximize PCB space, reduce component costs and provide devices with reliable board-to-board connections.

## FEATURES AND ADVANTAGES

### Enables versatile configurations

Contact area can be configured on the same side (type A) or opposite sides (type D) of the flexible cable jumper

### Terminates to fully mate with a wide range of Molex Easy-On connectors

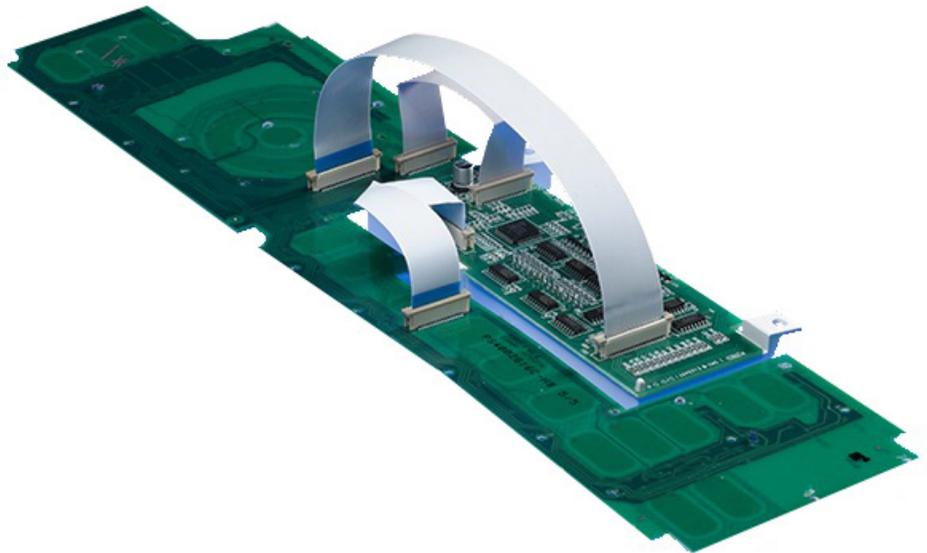
Including zero-insertion force (ZIF), non-ZIF and low-insertion force (LIF) FFC connectors

### Permits use in a variety of applications

Product offerings range from 50,000 to 2.5 million flex life cycles

### 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



## SOLVING INDUSTRY CHALLENGES

INDUSTRY CHALLENGE	PRODUCT SOLUTION
<p><b>FLEXIBLE OPERATION</b> Designers need reliable and highly flexible connections for dynamic applications</p>	<p>Premo-Flex Flexible Solutions offer robust connectivity in a flat flexible cable with compact Easy-On connectors for a variety of applications.</p>
<p><b>CUSTOMIZATION AND VERSATILITY</b> Manufacturers require proven flexible circuit solutions that can meet specific design and schedule needs.</p>	<p>Molex produces a wide range of custom and off-the-shelf Premo-Flex Flexible Solutions including various cable jumper lengths, circuit counts, flex cycle ratings and plating materials.</p>

## MARKETS AND APPLICATIONS

### Consumer

Cameras  
Drones  
Phones  
Handheld gaming devices  
Home appliances  
Televisions

### Medical

Handheld ultrasound equipment  
Infusion pumps  
Medication dispensers  
Monitoring systems

### Automotive

Infotainment  
LCD displays  
GPS devices

### Datacom

Printers  
Scanners  
Keyboards  
Servers  
Routers  
Computers

### Industrial

Robotics  
Generators  
Cooling systems



## ORDERING INFORMATION

Series	Pitch (mm)	Current (A)	Flex Life Cycles	Plating	Max. Voltage	Temperature
15166	0.50	0.35	2.5 M	Tin Plated	60V AC	-40 to +105°C
15167	1.00	0.80				
15168	1.25	0.80				
15120	0.50	0.35	100 K	Gold Plated		
98266	0.50	0.55		Tin Plated		
98267	1.00	1.25				
98268	1.25	1.40				
15266	0.50	0.55	50 K	Tin Plated		
15267	1.00	1.25				
15268	1.25	1.40				
15020	0.50	0.55		Gold Plated		
15039	1.00	1.25				
15049	1.25	1.40				

[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)