

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

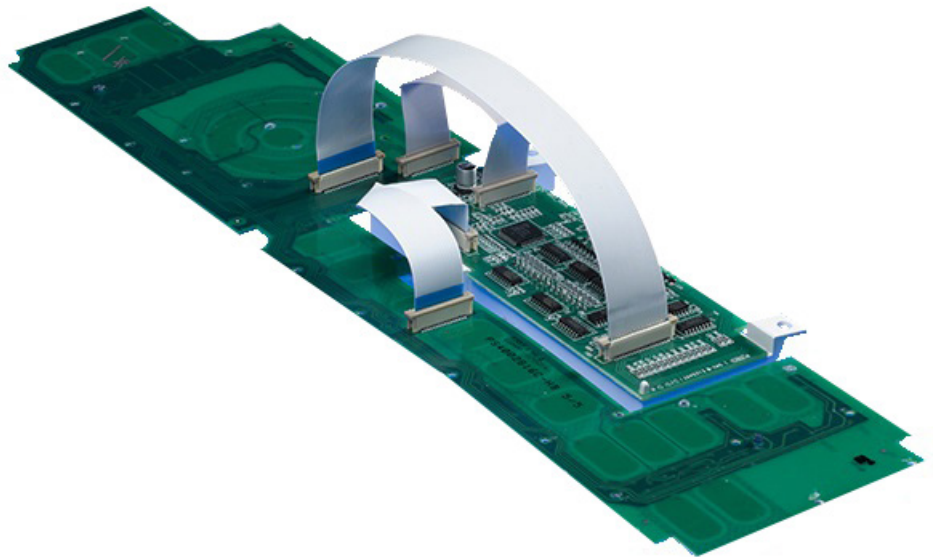
Including zero-insertion force (ZIF), non-ZIF and low-insertion force (LIF) FFC connectors

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
FLEXIBLE OPERATION Designers need reliable and highly flexible connections for dynamic applications	Premo-Flex Flexible Solutions offer robust connectivity in a flat flexible cable with compact Easy-On connectors for a variety of applications.
CUSTOMIZATION AND VERSATILITY Manufacturers require proven flexible circuit solutions that can meet specific design and schedule needs.	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.

MARKETS AND APPLICATIONS

Consumer

Cameras
Drones
Phones
Handheld gaming devices
Home appliances
Televisions

Datacom

Printers
Scanners
Keyboards
Servers
Routers
Computers

Medical

Handheld ultrasound equipment
Infusion pumps
Medication dispensers
Monitoring systems

Industrial

Robotics
Generators
Cooling systems

Automotive

Infotainment
LCD displays
GPS devices



Consumer



Medical



Automotive



Industrial

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		Gold Plated					
98266	0.50	0.55	100 K	Tin Plated			60V AC	-40 to +105°C	
98267	1.00	1.25							
98268	1.25	1.40							
15266	0.50	0.55	50 K						Gold Plated
15267	1.00	1.25							
15268	1.25	1.40							
15020	0.50	0.55							
15039	1.00	1.25							
15049	1.25	1.40							

www.molex.com/en-us/products/cable-assemblies/flat-flexible-cables-ffc