



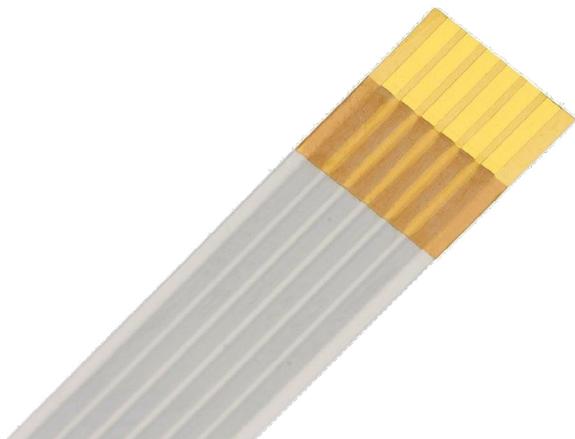
PREMO-FLEX HOT BAR SOLDER SOLUTIONS >

PRODUCT OVERVIEW

Supporting the use of flat flexible cable (FFC) jumpers in compact applications requiring robust connections, Premo-Flex Hot Bar Solder FFC Jumpers offer improved mechanical strength, reduce material costs and deliver consistent electrical performance.

SOLVING INDUSTRY CHALLENGES

INDUSTRY CHALLENGE	PRODUCT SOLUTION
<p>RELIABLE CONNECTIONS FOR HARSH ENVIRONMENTS Designers need consistent connectivity in applications subject to high vibration, high shock and dynamic forces.</p>	<p>Premo-Flex Hot Bar Solder FFC Jumpers deliver secure and highly consistent connectivity, to help prevent mechanical disconnection with contacts soldered directly to SMD pads on the PCB.</p>
<p>REDUCING MATERIAL COSTS Manufacturers are looking for ways to reduce material costs, streamline inventory requirements and procurement, and simplify assembly operations.</p>	<p>By using Premo-Flex Hot Bar Solder FFC Jumpers, manufacturers can eliminate the cable-to-board connector. This saves on material costs, simplifies the bill of materials (BOM), and reduces inventory and procurement requirements.</p>



PREMO-FLEX HOT BAR SOLDER SOLUTIONS

FEATURES AND ADVANTAGES



OFFERS A RUGGED AND DURABLE CONNECTION

The direct cable-to-board soldered attachment provides a secure connection that helps withstand harsh environments and mechanical stress.



DELIVERS CONSISTENT ELECTRICAL PERFORMANCE

By eliminating the connector, the design minimizes signal interference and supports consistent signal integrity for high-precision applications.



REDUCES MATERIAL COSTS FOR ASSEMBLIES

Hot bar soldering to SMD pads on the PCB reduces or eliminates the cost of PCB connectors used in assemblies.



SUPPORTS MINIATURIZATION IN HIGH-DENSITY APPLICATIONS

Hot bar soldering enables highly compact cable-to-board connections, removing the need for larger electrical connectors.

APPLICATION SPOTLIGHT

PROVIDING COMPACT, HIGH-STRENGTH ELECTRICAL CONNECTIVITY BETWEEN THE FFC JUMPER AND THE BOARD

Mobile device, automotive, industrial robotics and medical applications require excellent electrical performance; miniaturized package sizes; and robust, highly reliable connections capable of withstanding mechanical stress and vibration. Premo-Flex Hot Bar Solder FFC Jumpers deliver consistent electrical performance and conserve space in compact applications by eliminating the cable-to-board connector.

- | Cameras
- | Phones
- | Vehicle infotainment systems
- | Medical monitoring devices
- | GPS devices
- | Automotive LCD displays
- | Virtual cockpits
- | Televisions

ORDERING INFORMATION

Series	15067
Pitch (mm)	1.00
Max. Current (A) per Contact	1.25 (at 23°C, maximum 30°C heat rise)
Operating Voltage	60V AC
Board Attachment	Hot bar solder to SMD pads
Plating	Tin
Circuits	3 to 40
Jumper Length	30 to 305mm
Operating Temperatures	-40 to +105°C

www.molex.com

molex