

Premo-Flex FS19 0.50mm-Pitch (Tin-Plated) Jumper Cables with Ear Tabs >

Premo-Flex 0.50mm-Pitch Jumper Cables with ear tabs deliver robust PCB-connection solutions for design flexibility with a range of custom and off-the-shelf options, including assemblies with Easy-On FPC Connectors.

FEATURES AND ADVANTAGES



Premo-Flex FS19 0.50mm-Pitch Jumper Cable with Ear Tabs

Ear Tabs

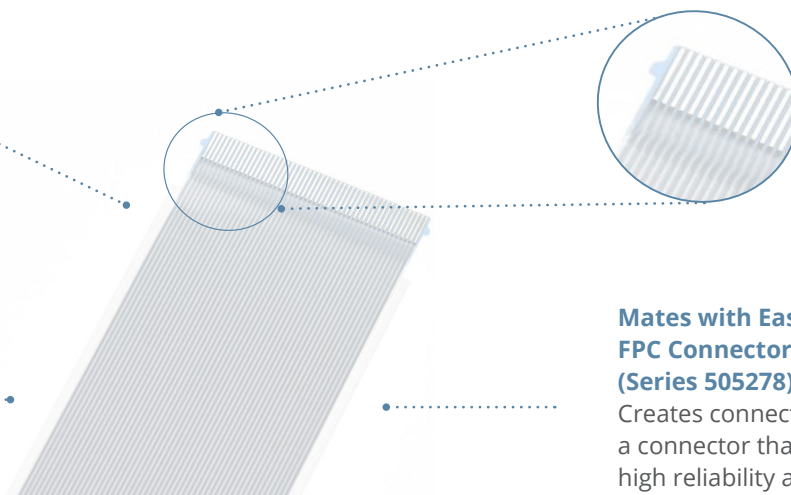
Provide excellent retention on high-shock and -vibration environments

Customization options available

Offers design flexibility

Tail-end thickness 0.30 + 0.05mm

Provides design options for space-constrained applications



Tin-Plated and 0.50mm-Pitch Jumper Cables

Mates with Easy-On FPC Connector (Series 505278)

Creates connectivity with a connector that delivers high reliability and speedy data rates

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APPLICATIONS

Consumer

Digital cameras
Video cameras
Mobile devices
Portable audio equipment
GPS devices
LCDs
Personal navigation equipment
VR/AR devices
UAV (drones)

Home Appliance

Flat-panel TVs
Refrigerators
Vacuums

Medical

Wearable devices
Patient-monitoring equipment

Automotive

Infotainment devices
Display audio equipment
Car navigation devices

Data and Computing

Optical disk drives
Tablets and notebooks
PCs
Printers and copiers

Industrial

Robotics

Application Examples



Patient Monitoring



Display Audio Equipment



Robotics



Drones

SPECIFICATIONS

Reference Information

Designed In: Millimeters
RoHS: Yes

Electrical

Voltage (max.): 60V
Current (max.): 0.5A per conductor
Conductor resistance: 730 Ohms per kilometer
Dielectric Withstanding Voltage: 200V AC

Physical

Locking with ear tabs for better retention in high- shock and vibration environments
Flammability rating: UL 758 VW-1
Contact: 0.10mm Copper with 0.4 μ m Tin
Insulation Tape:
Polyester with flame retardant adhesive
Tail Stiffener:
Polyester and adhesive
Folding:
Cable will have continuity after being folded 20 times minimum at 180°C
Flex life cycles: 100,000 (bend radius of 10.00mm)
Ideal for dynamic bending environments
Operating Temperatures: -40 to +105°C

www.molex.com/link/premoflex.html