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DATASHEET

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Premo-Flex FFC 0.30mm-Pitch Jumper Cables with Ear Tabs

Premo-Flex FFC 0.30mm-Pitch Jumper Cables with Ear Tabs deliver durable and flexible PCB-connection solutions with a range of custom and off-the-shelf options, including assemblies with Easy-On FPC Connectors.

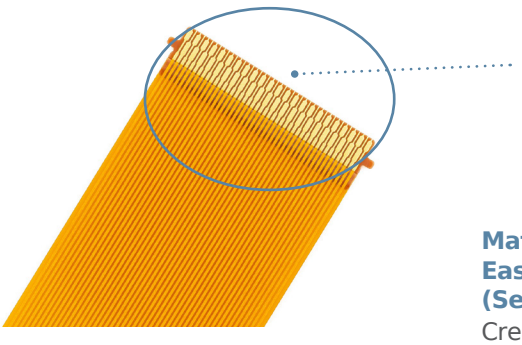
FEATURES AND ADVANTAGES

Customization options available
Offers design flexibility

Tail-end thickness 0.20 + 0.03mm
Provides design options for space-constrained applications

Various cable lengths (51, 102, 152, 203, 254 and 305)
Offer space savings and design flexibility

Staggered design for space-constrained applications



Premo-Flex FFC 0.30mm-Pitch Jumper Cables with Ear Tabs (Series 15032)

Multiple standard circuit count available
Offers a range from 7 to 61

Ear Tabs
Provide excellent retention in high-shock and -vibration environments

Mates with Easy-On FPC Connector (Series 503566)
Creates connectivity with a connector that delivers high reliability and high-speed data rates

MARKETS AND APPLICATIONS

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

Home Appliance
Flat-panel TVs
Refrigerators
Vacuums

Medical
Wearable devices
Patient-monitoring equipment

Automotive
Infotainment devices
Audio display equipment
Car navigation devices

Data and Computing
Optical disk drives
Tablets and notebooks
PCs
Printers and copiers

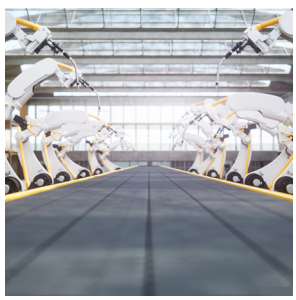
Industrial
Robotics



Patient Monitoring



Audio Display Equipment



Robotics



Drones

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Premo-Flex FFC 0.30mm-Pitch Jumper Cables with Ear Tabs ›

SPECIFICATIONS

REFERENCE INFORMATION
Designed In: Millimeters
RoHS: Yes

ELECTRICAL
Voltage (max.): 50V
Current (max.): 0.2A per conductor
Dielectric Withstanding Voltage: 200V AC

MECHANICAL
Pitch: 0.30mm

PHYSICAL
Locking with notches for better retention in high-shock and -vibration environments (Average cable retention force: 12.33N)
Housing: LCP UL94 V-0
Contact: Gold-plated 0.5oz Copper with 0.05um Gold
Insulation Tape: Polyimide and thermal adhesive
Tail Stiffener: Polyimide with thermal adhesive
Folding:
Cable can be folded 180° for 20 times minimum
Ideal for dynamic bending environments with a minimum radius of 4.00mm
Operating Temperatures: -40 to +105°C

ORDERING INFORMATION

Series Number	Description
15032	0.30mm pitch FC Jumper Cable with Latching Ears
503566	Easy-On FPC Connector, 0.30mm Pitch, Right Angle, Bottom Contact

www.molex.com/molex/products/family/premoflex

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