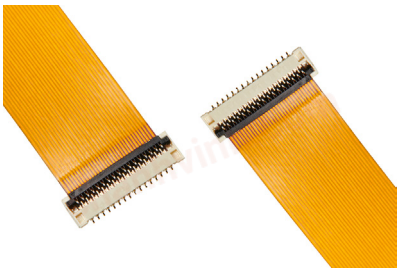
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0.25mm-Pitch Premo-Flex Cable Jumpers

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Standard 0.25mm-Pitch Premo-Flex Jumpers mate with Molex 0.25mm-Pitch Easy-On FFC/FPC Connectors to offer reliable connectivity in a compact design for tight-packaging applications



0.25mm-Pitch Premo-Flex Jumpers and Easy-On FPC Connectors

Features and Advantages

Mates with 0.25mm-Pitch Easy-On FFC/FPC Connectors (Series 502078, 503300, 503320)
Delivers high-reliability connectivity with a fine-pitch connector. Both cable and connector can be procured from the same vendor



Multiple standard circuit sizes and lengths available
Provides design flexibility and fast availability

Simple assembly process
Ideal for electrical connections between PCBs, display boards and more

0.25mm pitch
Offers super-fine pitch for space-constrained applications

Markets and Applications

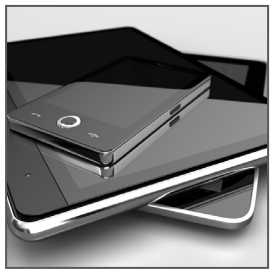
Medical
- Patient monitoring
- Surgical equipment
- Telehealth

Smart Phones and Mobile Devices
- GPS
- Tablets

Consumer
- Gaming machines
- Home security systems
- Home entertainment systems

Data/Computing
- Copiers
- Optical disk drives

Automotive
- Audio and navigation systems
- Comfort features
- Infotainment systems



Smartphones and Tablets



Patient Monitoring Device



Home Security Systems

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0.25mm-Pitch Premo-Flex Cable Jumpers

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Specifications

REFERENCE INFORMATION
Mates With: Easy-On FFC/FPC Connectors (Series 502078, 503300, 503320)
Designed In: Millimeters
RoHS: Yes

ELECTRICAL
Current (max.): 0.2A
Inner Conductor Resistance: 1.28 Ohms
Outer Conductor Resistance: 1.52 Ohms
Dielectric Withstanding Voltage: 9µA
Insulation Resistance: >50 gigaohms

MECHANICAL
Temperature Rating: -40 to +105°C
Heat Resistance: 105˚C for 96 hours
Thermal Shock:
30 minutes at -55˚C
30 minutes at +85˚C
Moisture Resistance: Exposed to 40˚C +/- 2˚C for 24 hours, relative humidity 90-95%
Folding: Specimen folded manually at 180˚ bending angle 20 times

PHYSICAL
Conductor:
Material — Copper
Plating — Gold
Thickness — 0.018mm nominal
Insulation Tape:
Material — Polyimide and flame-retardant adhesive
Color — Orange-brown
Reinforcement Tape:
Material — Polyimide and adhesive
Thickness — 0.135mm nominal
Color — Orange-brown

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