

Premo-Flex FD19 Notched Cable Jumpers With Ear Tabs

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Delivering durable and extra flexible PCB-connection solutions, standard Premo-Flex FD19 Cable Jumpers provide robust retention due to a unique notched design

Features and Advantages

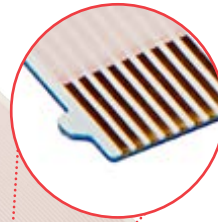
Mates with Easy-On FFC/FPC Connector (Series 505110)

Creates connectivity with a super-fine-pitch connector that delivers high reliability and speedy data rates

Ear tab retention feature

Provides cable alignment, superior retention and reliable connectivity

Ear Tab Retention Feature



Premo-Flex FD19 Notched Cable Assembly with Easy-On FFC/FPC Connector

0.050mm pitch

Ideal for space-constrained applications



Simple assembly process

Ideal for electrical connections between PCBs, display boards and more

Markets and Applications

Automotive

- Car navigation
- Car infotainment
- LCD displays

Commercial Vehicle

- Instrument panels
- LCD displays

Industrial

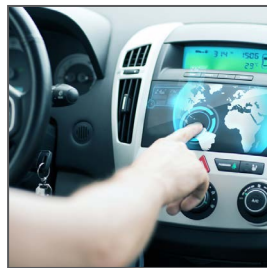
- Robotics
- Equipment

Home Appliance

- Flat panel TVs
- Refrigerators
- Vacuuming machines

Consumer

- Gaming devices
- AR/VR
- Printers/scanners



GPS



Refrigerator



Augmented Reality/Virtual Reality (AR/VR) Headset

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Target Specifications

REFERENCE INFORMATION

Flame Resistance: UL 758 WV-1
Mates With: Easy-On FFC/FPC Connectors, Series 505110
Designed In: Millimeters
RoHS: Yes

ELECTRICAL

Voltage (max.): 60V AC
Current (max.): 0.5A
Dielectric Withstanding Voltage: 200V AC for 1 Minute, no Disrupted Discharge
Insulation Resistance (min.): 10 Megohms per km
Conductor Resistance (max.): 730 Ohms per km

MECHANICAL

Temperature Rating: -40 to +105°C
Heat Resistance: 168 hours at +135°C
Moisture Resistance:
Exposed to 60°C, relative humidity 95% for 96 hours.
Folding: Specimen to be folded manually at 180° bending angle, min. 20 cycles

PHYSICAL

FFC Tape
Material – Polyester and Flame Retardant
Adhesive
Thickness – 0.073mm Nominal
Color – White
Reinforcement Tape
Material – Polyester and Adhesive
Thickness – 0.155mm Nominal
Color – Transparent/Blue
FFC Conductor
Material – Gold-Plated Copper
Width – 0.30mm
Thickness – 0.10mm
Plating – Nickel 0.3µm (min.) and Gold 0.05µm

www.molex.com/product/premoflex_ffc-fpc.html

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