Premo-Flex FD19 Notched Cable Jumpers With Ear Tabs

Delivering durable and extra flexible PCB-connection solutions, standard Premo-Flex FD19 Cable Jumpers (Series 15018) 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

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

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

0.50mm pitch
Ideal for space-constrained applications

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

REFERENCE INFORMATION
Flame Resistance: UL 758 VW-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_fcc-fpc.html