

Micro-Fit* TPA Cable Assemblies



Standard Micro-Fit* TPA Cable Assemblies deliver an off-the-shelf solution with a variety of cable lengths and a 3.00mm-pitch connector with a 5.0A maximum current rating to facilitate both prototyping and global production

Features and Advantages

Multi-color cable configurations with Micro-Fit* TPA Receptacles available off the shelf

Designed to support development and production programs. Multi-color cables ensure correct connection

UL 1061 discrete wires
Ready to use in electronic appliance applications. Provide ease of design, prototyping and production

Micro-Fit* TPA Receptacles' 5.0A current rating and 3.00mm pitch

Delivers a high-density, lower power connection. Reduces terminal back-out

Assembled in ISO/TS16949-certified facilities

Ensures high quality. Meets current automotive industry standards

Meets 2011/65/EU RoHS Compliance
Decreases engineering time and resources

Applications

Consumer / Home Appliance

- Harness manufacturers
- Appliances

Data / Computing

- Harness manufacturers
- Desktops
- Workstations
- Power supplies
- Uninterruptible Power Supply (UPS)

Telecommunications / Networking

- Harness manufacturers
- Servers
- Routers
- Switches

Automotive / Commercial Vehicle

- Harness manufacturers
- Non-sealed applications
- Inside devices



Workstation



Refrigerator



Servers

*Micro-Fit is a trademark of Molex, LLC in the United States and may be registered in certain jurisdictions.

Specifications

REFERENCE INFORMATION

Packaging:
UL File No.: E29179
CSA File No.: LR19980
Mates With:
 Micro-Fit* 3.0 Connectors
Use With: Micro-Fit* Headers
Designed In: Millimeters
RoHS: Yes
Halogen Free: No
Glow Wire Compliant: No

ELECTRICAL

Voltage (max.): 600V
Current (max.): 5.0

MECHANICAL

Contact Insertion Force (max.): 14.7N per contact
Contact Retention to Housing (min.): 24.5N
Mating Force (max.): 8N per circuit
Durability (max.): typically 30 cycles, refer to product specifications

PHYSICAL

Housing: Nylon
Operating Temperature: -40 to +105°C

Ordering Information

Series No.	Product	Circuits	Lengths (m)
45132	Off-the-Shelf Micro-Fit* TPA Discrete Wire Cable Assemblies	4, 6, 8	1.0, 1.5, 3.0

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