



Part Number : [2147501051](#)
Product Description : Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 150.00mm Length, Tin (Sn) Plating, 5 Circuits, Black
Series Number : 214750
Status : Active
Product Category : Power and Signal Cable Assemblies




Documents & Resources

Drawings
[2147501051_sd.pdf](#)

3D Models and Design Files
[2147501051_stp.zip](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)6225-DC (07 Nov 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

Part Details

General

| | |
|------------------------|---|
| Status | Active |
| Category | Power and Signal Cable Assemblies |
| Series | 214750 |
| Description | Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 150.00mm Length, Tin (Sn) Plating, 5 Circuits, Black |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | Micro-Fit 3.0 Both Ends |
| Product Name | Micro-Fit 3.0 |
| Type | Discrete Wire Assembly |
| UPC | 193264584932 |

Electrical

| | |
|-------------------------------|------------|
| Current - Maximum per Contact | 8.5A |
| Voltage - Maximum | 300V AC/DC |

Physical

| | |
|--------------------------------|-----------------|
| Cable Length | 150.00mm |
| Circuits (Loaded) | 5 |
| Circuits (maximum) | 5 |
| Color - Resin | Black |
| Gender | Female-Female |
| Lock to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 11.102/g |

| | |
|-----------------------------|-------------------------|
| Number of Rows | 1 |
| Overmolded | No |
| Packaging Type | Bag |
| Pitch - Mating Interface | 3.00mm |
| Plating min - Mating | 1.016µm |
| Plating min - Termination | 1.016µm |
| Single Ended | No |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type | Discrete Wire, UL 10002 |
| Wire Size (AWG) | 18 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|--|---------------|
| Micro-Fit 3.0 Single Row Plug Housings | <u>43640</u> |
| Micro-Fit TPA Single Row Plug Housings | <u>200875</u> |
| Micro-Fit 3.0 Single Row Headers | <u>43650</u> |

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