

Part Number : 2147552103

Series Number : 214755

Product Category : Power and Signal Cable Assemblies

Product Description : Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female Off-the-Shelf (OTS) Cable Assembly, Dual Row, 600.00mm Length, Gold (Au) Plating, 10 Circuits, Black

Status : Active

Documents & Resources

Drawings

Drawing 2147552103_sd.pdf

3D Models and Design Files

3D Model 2147552103_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(2023)8585-DC (23 Jan 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
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|------------------------|---|
| Status | Active |
| Category | Power and Signal Cable Assemblies |
| Series | 214755 |
| Description | Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female Off-the-Shelf (OTS) Cable Assembly, Dual Row, 600.00mm Length, Gold (Au) Plating, 10 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 Family | Micro-Fit Connector System |
| Product Name | Micro-Fit 3.0 |
| Type | Discrete Wire Assembly |
| UPC | 193264501168 |

Electrical

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

Physical

| | |
|--------------------------------|-----------------|
| Cable Length | 600.00mm |
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| Color - Resin | Black |
| Gender | Female-Female |
| Lock to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 64.624/g |

| | |
|-----------------------------|----------------------|
| Number of Rows | 2 |
| Overmolded | No |
| Packaging Type | Bag |
| Pitch - Mating Interface | 3.00mm |
| Plating min - Mating | 0.762 μ m |
| Plating min - Termination | 2.540 μ m |
| Single Ended | No |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type | UL 1061 |
| Wire Insulation Diameter | 1.85mm max. |
| Wire Size (AWG) | 18 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|--------------------------------------|--------------|
| Micro-Fit 3.0 Dual Row Plug Housings | <u>43020</u> |
| Micro-Fit 3.0 Dual Row Headers | <u>43045</u> |
| Micro-Fit 3.0 Dual Row Test Plugs | <u>44242</u> |

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