



Part Number : 2147602224

Series Number : 214760

Product Category : Power and Signal Cable Assemblies

Product Description : Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Gold (Au) Plating, 300.00mm Length, 18 AWG, Red

Status : Active

Documents & Resources

Drawings

Drawing 2147602224\_sd.pdf

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                 | 214760                                                                                                         |
| Description            | Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Gold (Au) Plating, 300.00mm Length, 18 AWG, Red |
| Application            | Power, Wire-to-Board, Wire-to-Wire                                                                             |
| Assembly Configuration | Pre-crimped Lead Only                                                                                          |
| Connector to Connector | Micro-Fit 3.0 Crimp Terminals                                                                                  |
| Keyword                | Pre-Crimped Leads                                                                                              |
| Product Family         | Off-the-Shelf Pre-Crimped Leads                                                                                |
| Product Name           | Micro-Fit 3.0                                                                                                  |
| UPC                    | 193264574100                                                                                                   |

## Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 8.5A |
|-------------------------------|------|

## Physical

|                                |                      |
|--------------------------------|----------------------|
| Cable Length                   | 300.00mm             |
| Circuits (Loaded)              | 1                    |
| Circuits (maximum)             | 1                    |
| Color - Resin                  | Red                  |
| Gender                         | Female-Female        |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 3.466/g              |
| Packaging Type                 | Bag                  |
| Plating min - Mating           | 0.762µm              |
| Plating min - Termination      | 2.540µm              |
| Single Ended                   | No                   |
| Termination Interface Style    | Crimp or Compression |
| Wire/Cable Type                | UL 10002             |

|                          |             |
|--------------------------|-------------|
| Wire Insulation Diameter | 1.85mm max. |
| Wire Size (AWG)          | 18          |

Use with Part(s)

| Description                                  | Part Number  |
|----------------------------------------------|--------------|
| Micro-Fit 3.0 Dual Row Receptacle Housings   | <u>43025</u> |
| Micro-Fit 3.0 Single Row Receptacle Housings | <u>43645</u> |
| Micro-Fit BMI Dual Row Receptacle Housings   | <u>44133</u> |
| Micro-Fit BMI Single Row Receptacle Housings | <u>46623</u> |