

Part Number : 2147602122

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, Tin (Sn) Plating, 150.00mm Length, 18 AWG, Red

Status : Active

## Documents & Resources

### Drawings

Drawing 2147602122\_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, Tin (Sn) Plating, 150.00mm 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                    | 193264574032  |

## Electrical

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

## Physical

|                                |                      |
|--------------------------------|----------------------|
| Cable Length                   | 150.00mm             |
| Circuits (Loaded)              | 1                    |
| Circuits (maximum)             | 1                    |
| Color - Resin                  | Red                  |
| Gender                         | Female-Female        |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 1.847/g              |
| Packaging Type                 | Bag                  |
| Plating min - Mating           | 1.016µm              |
| Plating min - Termination      | 1.016µm              |
| Single Ended                   | No                   |
| Termination Interface Style    | Crimp or Compression |
| Wire/Cable Type                | UL 10002             |

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

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## 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> |

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