



**Part Number :** 2174812225

**Series Number :** 217481

**Product Category :** Power and Signal Cable Assemblies

**Product Description :** Pre-Crimped Lead Mini-Fit Sr. Female-to-Pigtail, Gold (Au) Plating, 450.00mm Length, 8 AWG, Red

**Status :** Active

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## Documents & Resources

### Drawings

Drawing\_2174812225\_sd.pdf

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## 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(2021)10043-DC (17 Jan 2022)                                       |
| 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

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## Part Details

## General

|                        |                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                          |
| Category               | Power and Signal Cable Assemblies                                                               |
| Series                 | 217481                                                                                          |
| Description            | Pre-Crimped Lead Mini-Fit Sr. Female-to-Pigtail, Gold (Au) Plating, 450.00mm Length, 8 AWG, Red |
| Application            | Power, Wire-to-Board, Wire-to-Wire                                                              |
| Assembly Configuration | Pre-crimped Lead Only                                                                           |
| Connector to Connector | Mini-Fit Sr. Crimp Terminals                                                                    |
| Product Family         | Off-the-Shelf Pre-Crimped Leads                                                                 |
| Product Name           | Mini-Fit Sr.                                                                                    |
| UPC                    | 195842122451                                                                                    |

## Electrical

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 50.0A |
|-------------------------------|-------|

## Physical

|                                |                              |
|--------------------------------|------------------------------|
| Cable Length                   | 450.00mm                     |
| Circuits (Loaded)              | 1                            |
| Circuits (maximum)             | 1                            |
| Color - Resin                  | Red                          |
| Gender                         | Female-Pigtail               |
| Material - Metal               | High Performance Alloy (HPA) |
| Material - Plating Mating      | Gold                         |
| Material - Plating Termination | Tin                          |
| Material - Resin               | PVC                          |
| Net Weight                     | 47.985/g                     |
| Number of Rows                 | 1                            |
| Packaging Type                 | Bag                          |
| Plating min - Mating           | 0.762µm                      |
| Plating min - Termination      | 2.540µm                      |
| Single Ended                   | Yes                          |
| Termination Interface Style    | Crimp or Compression         |
| Wire/Cable Type                | UL 10669                     |

|                          |             |
|--------------------------|-------------|
| Wire Insulation Diameter | 6.60mm max. |
| Wire Size (AWG)          | 8           |