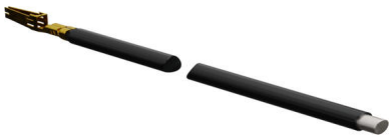




**Part Number :** [2174811225](#)  
**Product Description :** Pre-Crimped Lead Mini-Fit Sr.  
Female-to-Pigtail, Gold (Au) Plating, 450.00mm Length,  
8 AWG, Black  
**Series Number :** 217481  
**Status :** Active  
**Product Category :** Power and Signal Cable  
Assemblies



## Documents & Resources

### Drawings

- [2174811225 sd.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not Low-Halogen per IEC<br>61249-2-21                                                                        |
| REACH SVHC         | Not Contained per D(2025)4165-DC<br>(25 June 2025)                                                           |
| EU RoHS            | Compliant per EU 2015/863                                                                                    |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

---

**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, Black |
| Application            | Power, Wire-to-Board, Wire-to-Wire                                                                |
| Assembly Configuration | Pre-crimped Lead Only                                                                             |
| Connector to Connector | Mini-Fit Sr. Crimp Terminals                                                                      |
| Product Name           | Mini-Fit Sr.                                                                                      |
| UPC                    | 195842122338                                                                                      |

**Electrical**

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

**Physical**

|                                |                              |
|--------------------------------|------------------------------|
| Cable Length                   | 450.00mm                     |
| Circuits (Loaded)              | 1                            |
| Circuits (maximum)             | 1                            |
| Color - Resin                  | Black                        |
| Gender                         | Female-Pigtail               |
| Material - Metal               | High Performance Alloy (HPA) |
| Material - Plating Mating      | Gold                         |
| Material - Plating Termination | Tin                          |
| Material - Resin               | PVC                          |

|                             |                      |
|-----------------------------|----------------------|
| Net Weight                  | 50.880/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 Size (AWG)             | 8                    |

---

This document was generated on Sep 23, 2025