



**Part Number :** [2174702224](#)  
**Product Description :** Pre-Crimped Lead Ultra-Fit Female-to-Ultra-Fit Female, Gold (Au) Plating, 300.00mm Length, 16 AWG, Red  
**Series Number :** 217470  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



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## Documents & Resources

**Drawings**  
[2174702224\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2023)3788-DC (14 Jun 2023)                                        |
| 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                 | 217470                                                                                                 |
| Description            | Pre-Crimped Lead Ultra-Fit Female-to-Ultra-Fit Female, Gold (Au) Plating, 300.00mm Length, 16 AWG, Red |
| Application            | Power, Wire-to-Board                                                                                   |
| Assembly Configuration | Pre-crimped Lead Only                                                                                  |
| Connector to Connector | Ultra-Fit Crimp Terminals                                                                              |
| Keyword                | Pre-Crimped Leads                                                                                      |
| Product Name           | Ultra-Fit                                                                                              |
| UPC                    | 195842069688                                                                                           |

### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 12.0A            |
| Voltage - Maximum             | 600V AC (RMS)/DC |

### Physical

|                             |                          |
|-----------------------------|--------------------------|
| Cable Length                | 300.00mm                 |
| Circuits (Loaded)           | 1                        |
| Circuits (maximum)          | 1                        |
| Color - Resin               | Red                      |
| Gender                      | Female-Female            |
| Material - Metal            | High Conductivity Copper |
| Material - Plating Mating   | Gold                     |
| Net Weight                  | 4.864/g                  |
| Packaging Type              | Bag                      |
| Single Ended                | No                       |
| Termination Interface Style | Crimp or Compression     |
| Wire/Cable Type             | UL 1061                  |
| Wire Insulation Diameter    | 2.03-2.39mm              |
| Wire Size (AWG)             | 16                       |

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Use with Part(s)

| Description                                          | Part Number   |
|------------------------------------------------------|---------------|
| Ultra-Fit Tangless Single Row<br>Receptacle Housings | <u>172256</u> |
| Ultra-Fit Tangless Dual Row<br>Receptacle Housings   | <u>172258</u> |

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