



Part Number : [2174651043](#)
Product Description : Ultra-Fit Tangless Female-to-Ultra-Fit Tangless Female Off-the-Shelf (OTS) Cable Assembly, 3.50mm Pitch, Single Row, 600.00mm Length, 4 Circuits, Black
Series Number : 217465
Status : Active
Product Category : Power and Signal Cable Assemblies




Documents & Resources

- Drawings**
[Drawing 2174651043_sd.pdf](#)
- 3D Models and Design Files**
[3D Model 2174651043_stp.zip](#)

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(2024)4144-DC (27 June 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 | 217465 |
| Description | Ultra-Fit Tangless Female-to-Ultra-Fit Tangless Female Off-the-Shelf (OTS) Cable Assembly, 3.50mm Pitch, Single Row, 600.00mm Length, 4 Circuits, Black |
| Application | Power, Wire-to-Board |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | Ultra-Fit-to-Ultra-Fit |
| Product Family | Ultra-Fit Power Connectors |
| Product Name | Ultra-Fit |
| Type | Discrete Wire Assembly |
| UPC | 195842062078 |

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 14.0A |
| Voltage - Maximum | 600V AC (RMS)/DC |

Physical

| | |
|--------------------------------|--------------------------|
| Cable Length | 600.00mm |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| Color - Resin | Black |
| Gender | Female-Female |
| Lock to Mating Part | Yes |
| Material - Metal | High Conductivity Copper |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |

| | |
|-----------------------------|----------------------|
| Material - Resin | Nylon |
| Net Weight | 38.165/g |
| Number of Rows | 1 |
| Overmolded | No |
| Packaging Type | Bag |
| Pitch - Mating Interface | 3.50mm |
| Plating min - Mating | 1.524μm |
| Plating min - Termination | 1.524μm |
| 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 |