



Part Number : 2147562063

Series Number : 214756

Product Category : Power and Signal Cable Assemblies

Product Description : Micro-Fit 3.0 Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, 600.00mm Length, Gold (Au) Plating, 6 Circuits, Black

Status : Active

## Documents & Resources

### Drawings

Drawing 2147562063\_sd.pdf

### 3D Models and Design Files

3D Model 2147562063\_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)

## Part Details

### General

|                        |                                                                                                                                     |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                              |
| Category               | Power and Signal Cable Assemblies                                                                                                   |
| Series                 | 214756                                                                                                                              |
| Description            | Micro-Fit 3.0 Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, 600.00mm Length, Gold (Au) Plating, 6 Circuits, Black |
| Application            | Power, Wire-to-Board, Wire-to-Wire                                                                                                  |
| Assembly Configuration | Single Ended Connector                                                                                                              |
| Connector to Connector | Micro-Fit 3.0-to-Pigtail                                                                                                            |
| Product Family         | Micro-Fit Connector System                                                                                                          |
| Product Name           | Micro-Fit 3.0                                                                                                                       |
| Type                   | Discrete Wire Assembly                                                                                                              |
| UPC                    | 193264501489                                                                                                                        |

### Electrical

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 8.5A       |
| Voltage - Maximum             | 300V AC/DC |

### Physical

|                                |                 |
|--------------------------------|-----------------|
| Cable Length                   | 600.00mm        |
| Circuits (Loaded)              | 6               |
| Circuits (maximum)             | 6               |
| Color - Resin                  | Black           |
| Gender                         | Female-Pigtail  |
| Lock to Mating Part            | Yes             |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Gold            |
| Material - Plating Termination | Tin             |
| Material - Resin               | Nylon           |
| Net Weight                     | 37.840/g        |
| Number of Rows                 | 2               |

|                             |                      |
|-----------------------------|----------------------|
| Overmolded                  | No                   |
| Packaging Type              | Bag                  |
| Pitch - Mating Interface    | 3.00mm               |
| Plating min - Mating        | 0.762µm              |
| Plating min - Termination   | 2.540µm              |
| Single Ended                | Yes                  |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 1061              |
| Wire Insulation Diameter    | 1.85mm max.          |
| Wire Size (AWG)             | 18                   |

---

## Mates With / Use With

### Mates with Part(s)

| Description                          | Part Number  |
|--------------------------------------|--------------|
| Micro-Fit 3.0 Dual Row Plug Housings | <u>43020</u> |
| Micro-Fit 3.0 Dual Row Headers       | <u>43045</u> |
| Micro-Fit 3.0 Dual Row Test Plugs    | <u>44242</u> |