



Part Number : 2196572063

Series Number : 219657

Product Category : Power and Signal Cable Assemblies

Product Description : Pico-Lock Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm Length, Gold (Au) Plating, 6 Circuits, Black

Status : Active

## Documents & Resources

### Drawings

Drawing 2196572063\_sd.pdf

## 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(2023)8585-DC (23 Jan 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                 | 219657                                                                                                                            |
| Description            | Pico-Lock Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm Length, Gold (Au) Plating, 6 Circuits, Black |
| Application            | Power, Signal, Wire-to-Board, Wire-to-Wire                                                                                        |
| Assembly Configuration | Single Ended Connector                                                                                                            |
| Connector to Connector | Pico-Lock-to-Pigtail                                                                                                              |
| Product Family         | Pico-Lock Connector System                                                                                                        |
| Product Name           | Pico-Lock                                                                                                                         |
| Type                   | Discrete Wire Assembly                                                                                                            |
| UPC                    | 195842808652                                                                                                                      |

## Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 3.5A             |
| Voltage - Maximum             | 250V AC (RMS)/DC |

## Physical

|                             |                      |
|-----------------------------|----------------------|
| Cable Length                | 300.00mm             |
| Circuits (Loaded)           | 6                    |
| Circuits (maximum)          | 6                    |
| Color - Resin               | Black                |
| Gender                      | Female-Pigtail       |
| Lock to Mating Part         | Yes                  |
| Material - Metal            | Copper Alloy         |
| Material - Plating Mating   | Gold                 |
| Material - Resin            | Polyamide            |
| Net Weight                  | 13.227/g             |
| Number of Rows              | 1                    |
| Pitch - Mating Interface    | 2.00mm               |
| Single Ended                | Yes                  |
| Termination Interface Style | Crimp or Compression |

|                          |             |
|--------------------------|-------------|
| Wire/Cable Type          | UL 10002    |
| Wire Insulation Diameter | 1.20-1.50mm |
| Wire Size (AWG)          | 20          |

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Mates With / Use With

Mates with Part(s)

|                                                                       |               |
|-----------------------------------------------------------------------|---------------|
| Description                                                           | Part Number   |
| 2.00mm Pitch Pico-Lock Right-Angle, Single Row, Surface Mount Headers | <u>205338</u> |