

Part Number : 2196781100

Series Number : 219678

Product Category : Power and Signal Cable Assemblies

Product Description : Micro-Latch-to-Micro-Latch Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Tin (Sn) Plating, 50.00mm Length, 10 Circuits, Natural

Status : Active

## Documents & Resources

### Drawings

Drawing 2196781100\_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                 | 219678  |
| Description            | Micro-Latch-to-Micro-Latch Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Tin (Sn) Plating, 50.00mm Length, 10 Circuits, Natural |
| Application            | Signal, Wire-to-Board   |
| Assembly Configuration | Dual Ended Connectors   |
| Connector to Connector | Micro-Latch-to-Micro-Latch  |
| Product Family         | Micro-Latch Wire-to-Board Connector System  |
| Product Name           | Micro-Latch   |
| Type                   | Discrete Wire Assembly  |
| UPC                    | 195842859890  |

## Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 2.5A             |
| Voltage - Maximum             | 250V AC (RMS)/DC |

## Physical

|                                |                 |
|--------------------------------|-----------------|
| Cable Length                   | 50.00mm         |
| Circuits (Loaded)              | 10              |
| Circuits (maximum)             | 10              |
| Color - Resin                  | Natural         |
| Gender                         | Female-Female   |
| Lock to Mating Part            | Yes             |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Polyester       |
| Net Weight                     | 3.357/g         |
| Number of Rows                 | 1               |
| Packaging Type                 | Bag             |

|                             |                      |
|-----------------------------|----------------------|
| Pitch - Mating Interface    | 2.00mm               |
| Plating min - Mating        | 0.900µm              |
| Plating min - Termination   | 0.900µm              |
| Single Ended                | No                   |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 10002             |
| Wire Insulation Diameter    | 1.40mm               |
| Wire Size (AWG)             | 22                   |

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## Mates With / Use With

### Mates with Part(s)

| Description                                | Part Number  |
|--|--------------|
| Micro-Latch Vertical Single Row Headers    | <u>53253</u> |
| Micro-Latch Right-Angle Single Row Headers | <u>53254</u> |

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This document was generated on Apr 12, 2024