



**Part Number :** [2196781054](#)  
**Product Description :** Micro-Latch-to-Micro-Latch Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Tin (Sn) Plating, 600.00mm Length, 5 Circuits, Natural  
**Series Number :** 219678  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



Documents & Resources

**Drawings**  
[Drawing 2196781054\\_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(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

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## 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, 600.00mm Length, 5 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                    | 195842859784                                                                                                                        |

### Electrical

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

### Physical

|                                |                 |
|--------------------------------|-----------------|
| Cable Length                   | 600.00mm        |
| Circuits (Loaded)              | 5               |
| Circuits (maximum)             | 5               |
| 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                     | 12.948/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> |