



**Part Number :** [2196521080](#)  
**Product Description :** Micro-One Female-to-Micro-One Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 50.00mm Length, Tin (Sn) Plating, 8 Circuits, Black  
**Series Number :** 219652  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



Documents & Resources

Drawings  
[2196521080\\_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)6225-DC (07 Nov 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                 | 219652                                                                                                                                   |
| Description            | Micro-One Female-to-Micro-One Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 50.00mm Length, Tin (Sn) Plating, 8 Circuits, Black |
| Application            | Signal, Wire-to-Board                                                                                                                    |
| Assembly Configuration | Dual Ended Connectors                                                                                                                    |
| Connector to Connector | Micro-One-to-Micro-One                                                                                                                   |
| Product Name           | Micro-One                                                                                                                                |
| Type                   | Discrete Wire Assembly                                                                                                                   |
| UPC                    | 195842803374                                                                                                                             |

### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 4.0A             |
| Voltage - Maximum             | 250V AC (RMS)/DC |

### Physical

|                           |               |
|---------------------------|---------------|
| Cable Length              | 50.00mm       |
| Circuits (Loaded)         | 8             |
| Circuits (maximum)        | 8             |
| Color - Resin             | Black         |
| Gender                    | Female-Female |
| Lock to Mating Part       | Yes           |
| Material - Metal          | Copper Alloy  |
| Material - Plating Mating | Matte Tin     |
| Material - Resin          | Polyamide     |
| Net Weight                | 4.605/g       |
| Number of Rows            | 1             |
| Packaging Type            | Bag           |
| Pitch - Mating Interface  | 2.00mm        |
| Single Ended              | No            |

|                             |                      |
|-----------------------------|----------------------|
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 1569              |
| Wire Insulation Diameter    | 1.10-1.60mm          |
| Wire Size (AWG)             | 22                   |

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## Mates With / Use With

### Mates with Part(s)

| Description                              | Part Number   |
|------------------------------------------|---------------|
| Micro-One Vertical Single Row Headers    | <u>205971</u> |
| Micro-One Vertical Single Row Headers    | <u>217063</u> |
| Micro-One Right-Angle Single Row Headers | <u>205972</u> |
| Micro-One Right-Angle Single Row Headers | <u>217064</u> |