



**Part Number :** [2196521024](#)

**Product Description :** Micro-One Female-to-Micro-One Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 600.00mm Length, Tin (Sn) Plating, 2 Circuits, Black

**Series Number :** 219652

**Status :** Active

**Product Category :** Power and Signal Cable Assemblies



## Documents and Resources

### Drawings

[2196521024 sd.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                        |
|--------------------|----------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                           |
| China RoHS         | per SJ/T 11365-2006                                                                    |
| EU ELV             | Not Relevant                                                                           |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                     |
| REACH SVHC         | Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS            | Compliant per EU 2015/863                                                              |

### [Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

### [Industry Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

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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, 600.00mm Length, Tin (Sn) Plating, 2 Circuits, Black |
| Application            | 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                    | 195842802964                                                                                                                              |

### Electrical

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

### Physical

|                    |          |
|--------------------|----------|
| Cable Length       | 600.00mm |
| Circuits (Loaded)  | 2        |
| Circuits (maximum) | 2        |
| Color - Resin      | Black    |

|                             |                      |
|-----------------------------|----------------------|
| Gender                      | Female-Female        |
| Lock to Mating Part         | Yes                  |
| Material - Metal            | Copper Alloy         |
| Material - Plating Mating   | Matte Tin            |
| Material - Resin            | Polyamide (PA)       |
| Net Weight                  | 7.367/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 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><a href="#">205971</a></u> |
| Micro-One Vertical Single Row Headers    | <u><a href="#">217063</a></u> |
| Micro-One Right-Angle Single Row Headers | <u><a href="#">205972</a></u> |
| Micro-One Right-Angle Single Row Headers | <u><a href="#">217064</a></u> |

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