



**Part Number :** [2300312010](#)

**Product Description :** MiniCirc Female-to-MiniCirc Female Wiring Harness, 1000.00mm Length, 2 Circuits, Red

**Series Number :** 230031

**Status :** Active

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



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## Documents and Resources

### Drawings

[2300312010 sd.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[2300300000-PS-000.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant                                  |
| China RoHS         | Not Reviewed per SJ/T 11365-2006              |
| EU ELV             | Not Relevant                                  |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21               |
| REACH SVHC         | Not Reviewed per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS            | Not Reviewed 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                 | 230031   |
| Description            | MiniCirc Female-to-MiniCirc Female Wiring Harness, 1000.00mm Length, 2 Circuits, Red |
| Application            | Wire-to-Board  |
| Assembly Configuration | Dual Ended Connectors  |
| Connector to Connector | MiniCirc-to-MiniCirc   |
| Product Name           | MiniCirc   |
| Type                   | Overmolded Assembly  |
| UPC                    | 198930555438   |

### Electrical

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 3.0A   |
| Voltage - Maximum             | 60V DC |

### Physical

|                    |           |
|--------------------|-----------|
| Cable Length       | 1000.00mm |
| Circuits (Loaded)  | 2         |
| Circuits (maximum) | 2         |
| Color - Resin      | Red       |

|                                |                                  |
|--------------------------------|----------------------------------|
| Gender                         | Female-Female                    |
| Lock to Mating Part            | Yes                              |
| Material - Metal               | Brass                            |
| Material - Plating Mating      | Gold                             |
| Material - Plating Termination | Gold                             |
| Material - Resin               | Polybutylene Terephthalate (PBT) |
| Overmolded                     | Yes                              |
| Packaging Type                 | Bag                              |
| Pitch - Mating Interface       | N/A                              |
| Plating min - Mating           | 0.075µm                          |
| Plating min - Termination      | 0.075µm                          |
| Single Ended                   | No                               |
| Termination Interface Style    | Crimp or Compression             |
| Wire/Cable Type                | TPU                              |
| Wire Size (AWG)                | 26                               |

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## Mates With / Use With

### Mates with Part(s)

| Description                | Part Number   |
|----------------------------|---------------|
| MiniCirc Socket Connectors | <u>230030</u> |