



**Part Number :** [2181021083](#)  
**Product Description :** Micro-Lock Plus-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Single Row, 300.00mm Length, 8 Circuits, Black  
**Series Number :** 218102  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

### Drawings

- [2181021083 sd.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                                           |
| REACH SVHC         | Not Contained per D(2024)7663-DC (21 Jan 2025)                                                               |
| 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                 | 218102                                                                                                                      |
| Description            | Micro-Lock Plus-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Single Row, 300.00mm Length, 8 Circuits, Black |
| Assembly Configuration | Single Ended Connector                                                                                                      |
| Connector to Connector | Micro-Lock Plus Both Ends                                                                                                   |
| Product Name           | Micro-Lock Plus                                                                                                             |
| Type                   | Discrete Wire Assembly                                                                                                      |
| UPC                    | 195842350687                                                                                                                |

**Electrical**

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 3.0A             |
| Voltage - Maximum             | 250V AC (RMS)/DC |

**Physical**

|                     |                |
|---------------------|----------------|
| Cable Length        | 300.00mm       |
| Circuits (Loaded)   | 8              |
| Circuits (maximum)  | 8              |
| Color - Resin       | Black          |
| Gender              | Female-Pigtail |
| Lock to Mating Part | Yes            |
| Material - Metal    | Copper Alloy   |

|                                |                      |
|--------------------------------|----------------------|
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Material - Resin               | Polyester            |
| Net Weight                     | 10.892/g             |
| Number of Rows                 | 1                    |
| Packaging Type                 | Bag                  |
| Pitch - Mating Interface       | 2.00mm               |
| Single Ended                   | Yes                  |
| Termination Interface Style    | Crimp or Compression |
| Wire/Cable Type                | UL 10002             |
| Wire Size (AWG)                | 22                   |