



**Part Number :** [2283641023](#)

**Product Description :** Micro-Fit+ Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, Tin (Sn) Plating, 20 AWG, 2 Circuits, Black

**Series Number :** 228364

**Status :** Active

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



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## Documents and Resources

### Drawings

[2283641023 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)


[SOLIDWORKS](#)

[Creo](#)

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## 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         | Not Contained per D(2025)4165-DC (25 June 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                 | 228364  |
| Description            | Micro-Fit+ Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, Tin (Sn) Plating, 20 AWG, 2 Circuits, Black |
| Application            | Power, Wire-to-Board, Wire-to-Wire  |
| Assembly Configuration | Single Ended Connector  |
| Connector to Connector | Micro-Fit+-to-Micro-Fit+  |
| Product Name           | Micro-Fit+  |
| Type                   | Discrete Wire Assembly  |
| UPC                    | 198282852308  |

### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 8.5A             |
| Voltage - Maximum             | 600V AC (RMS)/DC |

### Physical

|                   |          |
|-------------------|----------|
| Cable Length      | 300.00mm |
| Circuits (Loaded) | 2        |

|                                |                          |
|--------------------------------|--------------------------|
| Circuits (maximum)             | 2                        |
| Color - Resin                  | Black                    |
| Gender                         | Female-Pigtail           |
| Lock to Mating Part            | Yes                      |
| Material - Metal               | High Conductivity Copper |
| Material - Plating Mating      | Tin                      |
| Material - Plating Termination | Tin                      |
| Material - Resin               | Nylon                    |
| Net Weight                     | 5.368/g                  |
| Number of Rows                 | 2                        |
| Overmolded                     | No                       |
| Packaging Type                 | Bag                      |
| Pitch - Mating Interface       | 3.00mm                   |
| Plating min - Mating           | 2.500µm                  |
| Plating min - Termination      | 2.500µm                  |
| Single Ended                   | Yes                      |
| Termination Interface Style    | Crimp or Compression     |
| Wire/Cable Type                | Discrete Wire, UL 1061   |
| Wire Size (AWG)                | 20                       |

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## Mates With / Use With

### Mates with Part(s)

| Description   | Part Number                   |
|---|-------------------------------|
| Micro-Fit+ Vertical, Dual Row, Through Hole Headers             | <a href="#"><u>206832</u></a> |
| Micro-Fit+ Right-Angle, Dual Row, Through Hole Headers          | <a href="#"><u>212528</u></a> |
| Micro-Fit+ Dual Row Surface Mount Headers                       | <a href="#"><u>218216</u></a> |
| Micro-Fit+ Versa Color Vertical, Dual Row, Through Hole Headers | <a href="#"><u>224246</u></a> |
| Micro-Fit+ Dual Row Plug Housings                               | <a href="#"><u>215922</u></a> |