



**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

## Documents and Resources

### Drawings

[2283641023 sd.pdf](#)

### 3D Models and Design Files

[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                 | 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> |

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