molex



**Part Number :** 2283721163
**Product Description :** Micro-Fit+ PCIe CEM5 Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 300.00mm Length, Tin (Sn) Plating, 16 and 28 AWG, 16 Circuits (12 Power, 4 Signal), Black
**Series Number :** 228372
**Status :** Active
**Product Category :** Power and Signal Cable Assemblies

## Documents and Resources

### Drawings

2283721163_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 | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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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 | 228372 |
| Description | Micro-Fit+ PCIe CEM5 Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 300.00mm Length, Tin (Sn) Plating, 16 and 28 AWG, 16 Circuits (12 Power, 4 Signal), Black |
| Application | Wire-to-Board |
| Assembly Configuration | Single Ended Connector |
| Connector to Connector | Micro-Fit+ PCIe-to-Pigtail |
| Product Name | Micro-Fit+ PCIe |
| Type | Discrete Wire Assembly |
| UPC | 198282852704 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 9.2A, 1.0A |
| Voltage - Maximum | 600V AC (RMS)/DC |

### Physical

| | |
|---|---|
| Cable Length | 300.00mm |
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |

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| | |
|---|---|
| Color - Resin | Black |
| Gender | Female-Pigtail |
| Lock to Mating Part | Yes |
| Material - Metal | High Copper Alloy, Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 67.470/g |
| Number of Rows | 3 |
| Overmolded | No |
| Packaging Type | Bag |
| Pitch - Mating Interface | 3.00mm |
| Plating min - Mating | 1.000µm |
| Plating min - Termination | 1.000µm |
| Single Ended | Yes |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type | Discrete Wire, UL 1061 |
| Wire Size (AWG) | 16, 28 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Micro-Fit+ PCIe CEM5 Right-Angle, Dual Row, Through Hole Headers | 219116 |



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