



Part Number : [836149016](#)
Product Description : 1.27mm Pitch
Commercial Micro-D, PCB Mount, Vertical
Plug, 25 Circuits
Series Number : 83614
Status : Active
Product Category : I/O Connectors



Documents & Resources


Drawings
[836149016_sd.pdf](#)

3D Models and Design Files
[836149016_stp.zip](#)

Specifications
[PS-83421-001-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains Lead per D(2024)6225-DC (07 Nov 2024) |
| EU RoHS | Compliant with Exemption 6(c) per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | I/O Connectors |
| Series | 83614 |
| Description | 1.27mm Pitch Commercial Micro-D, PCB Mount, Vertical Plug, 25 Circuits |
| Application | Wire-to-Board |
| Comments | Pin Contact |
| Component Type | Plug |
| Product Name | Commercial Micro-D |
| Type | N/A |
| UPC | 800756436319 |

Electrical

| | |
|-------------------------------|-------------|
| Current - Maximum per Contact | 1.0A |
| Shield Type | Full Shield |
| Shielded | Yes |
| Voltage - Maximum | 350V AC |

Physical

| | |
|--------------------------------|----------|
| Boot Color | N/A |
| Circuits (Loaded) | 25 |
| Circuits (maximum) | 25 |
| Durability (mating cycles max) | 500 |
| Gender | Plug |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Gold |
| Net Weight | 11.468/g |
| Number of Rows | 2 |

| | |
|-------------------------------|----------------|
| Orientation | Vertical |
| Packaging Type | Tube |
| Panel Mount | Yes |
| PC Tail Length | 2.79mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.52mm |
| Pitch - Mating Interface | 1.27mm |
| Pitch - Termination Interface | 1.27mm |
| Plating min - Mating | 0.381µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Ports | 1 |
| Temperature Range - Operating | -40° to +125°C |
| Termination Interface Style | Through Hole |
| Waterproof / Dustproof | No |
| Wire Size (AWG) | N/A |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|--------------|
| Commercial Micro-D Cable Receptacle Kits and Cable Assemblies | <u>83424</u> |

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