



Part Number : [834249014](#)

Product Description : 1.27mm Pitch Commercial Micro-D, Cable Receptacle Kit, 25 Circuits

Series Number : 83424

Status : Active

Product Category : I/O Connectors



Documents and Resources

Drawings

[834249014_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 | 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

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

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | I/O Connectors |
| Series | 83424 |
| Description | 1.27mm Pitch Commercial Micro-D, Cable Receptacle Kit, 25 Circuits |
| Application | Wire-to-Board |
| Component Type | Receptacle |
| Product Name | Commercial Micro-D |
| Type | N/A |
| UPC | 800756425993 |

Electrical

| | |
|-------------------------------|-------------|
| Current - Maximum per Contact | 1.0A |
| Shielded | Yes |
| Shield Type | Full Shield |
| Voltage - Maximum | 30V (RMS) |

Physical

| | |
|--------------------------------|------------|
| Boot Color | Black |
| Circuits (Loaded) | 25 |
| Circuits (maximum) | 25 |
| Durability (mating cycles max) | 500 |
| Gender | Receptacle |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Gold |
| Net Weight | 27.760/g |

| | |
|-------------------------------|----------------|
| Number of Rows | 2 |
| Orientation | N/A |
| Packaging Type | Bag |
| Panel Mount | No |
| PCB Locator | No |
| PCB Retention | N/A |
| Pitch - Mating Interface | 0.64mm |
| Plating min - Mating | 0.762µm |
| Polarized to Mating Part | Yes |
| Ports | 1 |
| Temperature Range - Operating | -40° to +125°C |
| Termination Interface Style | N/A |
| Waterproof / Dustproof | No |
| Wire Size (AWG) | 26, 28 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|--------------------------|------------------------------|
| Commercial Micro-D Plugs | <u>83611</u> |
| Commercial Micro-D Plugs | <u>83612</u> |
| Commercial Micro-D Plugs | <u>83614</u> |
| Commercial Micro-D Plugs | <u>83619</u> |

Use with Part(s)

| Description | Part Number |
|---|----------------------------------|
| Commercial Micro-D Socket Terminal, Loose in Bag | <u>830000083</u> |
| Commercial Micro-D Socket Terminal, 5,000 per Reel | <u>830009502</u> |
| Commercial Micro-D Socket Terminal, 50,000 per Reel | <u>830009503</u> |

Application Tooling

Global

| Description | Part Number |
|--|------------------|
| Manual Press for Micro-D Backshell Crimp Tool Kit, 25 Circuits | <u>622020000</u> |
| Micro-D Backshell Crimp Tool Kit, 25 Circuits | <u>622020100</u> |

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