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 & 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(2024)7663-DC (21 Jan 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

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	83611
Commercial Micro-D Plugs	83612
Commercial Micro-D Plugs	83614
Commercial Micro-D Plugs	83619

Use with Part(s)

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

Application Tooling

Global

Description	Part Number
Manual Press for Micro-D Backshell Crimp Tool Kit, 25 Circuits	622020000
Micro-D Backshell Crimp Tool Kit, 25 Circuits	622020100