Part Number : 836129020
Product Description : 1.27mm Pitch Commercial Micro-D, PCB Mount, Right-Angle Plug, 15 Circuits
Series Number : 83612
Status : Active
Product Category : I/O Connectors



Documents & Resources

Drawings

836129020_sd.pdf

PK-83098-636-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-83421-001-001.pdf

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)4165-DC (25 June 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	83612
Description	1.27mm Pitch Commercial Micro-D, PCB Mount, Right-Angle Plug, 15 Circuits
Application	Wire-to-Board
Comments	Pin Contact
Component Type	Plug
Product Name	Commercial Micro-D
Type	N/A
UPC	800755952933

Electrical

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

Physical

Boot Color	N/A
Circuits (Loaded)	15

Circuits (maximum)	15
Durability (mating cycles max)	500
Gender	Plug
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Net Weight	4.567/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tube
Panel Mount	Yes
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.52mm
PC Tail Length	2.79mm
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	83422