



Part Number : [836199003](#)
Product Description : 1.27mm Pitch
Commercial Micro-D, Dual Stack, PCB Mount,
Right-Angle Plug, 18 Circuits
Series Number : 83619
Status : Active
Product Category : I/O Connectors



Documents & Resources

Drawings
[836199003_sd.pdf](#)
[PK-83619-008-001.pdf](#)

3D Models and Design Files
[836199003_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	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant 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	83619
Description	1.27mm Pitch Commercial Micro-D, Dual Stack, PCB Mount, Right-Angle Plug, 18 Circuits
Application	Wire-to-Board
Comments	Dual Stack
Component Type	Plug
Product Name	Commercial Micro-D
Type	N/A
UPC	800753261600

Electrical

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

Physical

Boot Color	N/A
Circuits (Loaded)	18
Circuits (maximum)	18
Durability (mating cycles max)	500
Gender	Plug
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Net Weight	3.166/g
Number of Rows	2

Orientation	Right Angle
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	2
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>83421</u>

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