



Part Number : 834219014

Series Number : 83421

Product Category : I/O Connectors

Product Description : 1.27mm Pitch
Commercial Micro-D Cable Receptacle Kit, 9
Circuits

Status : Active

Documents & Resources

Drawings

Drawing 834219014_sd.pdf

3D Models and Design Files


3D Model 834219014_stp.zip

Specifications

Product Specification 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	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)

Part Details

General

Status	Active
Category	I/O Connectors
Series	83421
Description	1.27mm Pitch Commercial Micro-D Cable Receptacle Kit, 9 Circuits
Application	Wire-to-Board
Component Type	Receptacle
Product Family	Commercial Micro-D High-Density Connectors
Product Name	Commercial Micro-D
Type	N/A
UPC	800753005891

Electrical

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

Physical

Boot Color	Black
Circuits (Loaded)	9
Circuits (maximum)	9
Durability (mating cycles max)	500
Gender	Receptacle
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Net Weight	13.767/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>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/830000083.html</u>
Commercial Micro-D Socket Terminal, 5,000 per Reel	<u>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/830009502.html</u>
Commercial Micro-D Socket Terminal, 50,000 per Reel	<u>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/830009503.html</u>

Application Tooling

Global

Description	Part Number
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Manual Press for Micro-D Backshell Crimp Tool Kit, 9 Circuits	<u>622008900</u>
Micro-D Backshell Crimp Tool Kit, 9 Circuits	<u>622009000</u>