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Part Number: [0836119023](#)
Status: **Active**
Overview: Commercial Micro-D High-Density Connectors
Description: 1.27mm Pitch Commercial Micro D, PCB Mount, Vertical Plug, 9 Circuits

Documents:

[3D Model \(PDF\)](#) [Product Specification PS-83421-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[3D Model](#)

General

Product Family	I/O Connectors
Series	83611
Application	Wire-to-Board
Comments	Pin Contact
Component Type	Plug
Overview	Commercial Micro-D High-Density Connectors
Product Name	Commercial Micro-D
Type	N/A
UPC	800756435053

Physical

Circuits (Loaded)	9
Circuits (maximum)	9
Durability (mating cycles max)	500
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Net Weight	9.117/g
Orientation	Vertical
PC Tail Length	2.79mm
PCB Retention	Yes
PCB Thickness - Recommended	1.52mm
Packaging Type	Tube
Panel Mount	Yes
Pitch - Mating Interface	1.27mm
Plating min - Mating	0.381µm
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +125°C
Termination Interface: Style	Through Hole
Wire Size AWG	N/A

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	001
Lead-free Process Capability	N/A
Max. Cycles at Max. Process Temperature	001

Material Info

Reference - Drawing Numbers

Product Specification	PS-83421-001-001
Sales Drawing	SD-83611-9023-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per -
D(2020)9139-DC (19
Jan 2021)

Lead

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

50 Image

Not Relevant

Not Contained

Search Parts in this Series

[83611 Series](#)

Mates With

[83421](#) , [83424](#) , [83423](#)

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