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**Part Number:** [0836129020](#)  
**Status:** **Active**  
**Overview:** Commercial Micro-D High-Density Connectors  
**Description:** 1.27mm Pitch Commercial Micro D, PCB Mount, Right-Angle Plug, 15 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-83421-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-83098-636-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	I/O Connectors
Series	<a href="#">83612</a>
Application	Wire-to-Board
Comments	Pin Contact
Component Type	Plug
Overview	<a href="#">Commercial Micro-D High-Density Connectors</a>
Product Name	Commercial Micro-D
Type	N/A
UPC	800755952933

**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
PC Tail Length	2.79mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.52mm
Packaging Type	Tube
Panel Mount	Yes
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
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +125°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire Size AWG	N/A

**Electrical**

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

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[83612](#) Series

**Mates With**

[83422](#) Cable Assembly

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-83098-636-001

PS-83421-001-001

SD-83612-002-001

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[6R4006A28A120](#) [703006A13F060](#) [704002A03F200](#) [705001A13F120](#) [71-147714-19P](#) [7-1532020-5](#) [748567-1-P](#) [MDB1-9SH001](#) [MDM-](#)  
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