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**Part Number:** [0836149012](#)  
**Status:** **Active**  
**Overview:** Commercial Micro-D High-Density Connectors  
**Description:** 1.27mm Pitch Commercial Micro D, PCB Mount, Right Angle Plug, 25 Circuits

**Documents:**

[3D Model](#) [Packaging Specification PK-83098-636 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-83421-001-001 \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	<a href="#">83614</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	800756013633

**Physical**

Boot Color	N/A
Circuits (Loaded)	25
Circuits (maximum)	25
Durability (mating cycles max)	500
Gender	Plug
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Net Weight	6.349/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°C 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 -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[83614 Series](#)

**Mates With**

[83424 Cable Assembly](#)

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-83098-636

PS-83421-001-001

SD-83614-001

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