

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0836149016](#)  
**Status:** **Active**  
**Overview:** Commercial Micro-D High-Density Connectors  
**Description:** 1.27mm Pitch Commercial Micro D, PCB Mount, Vertical Plug, 25 Circuits

**Documents:**

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

**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	800756436319

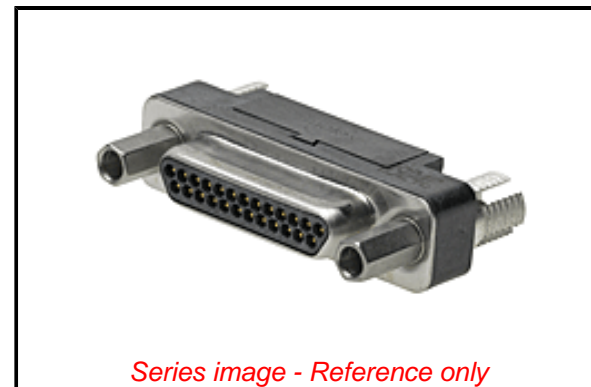
**Physical**

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	11.468/g
Number of Rows	2
Orientation	Vertical
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 with Exemption 6(c)**

**REACH SVHC**

Contained Per -  
D(2021)4569-DC (8  
July 2021)

Lead

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[83614 Series](#)

**Mates With**

[83424 Cable Assembly](#)

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-83421-001-001

SD-83614-9016-001

This document was generated on 09/27/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[83614-9023](#) [83614-9016](#)