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**Part Number:** [0836149202](#)  
**Status:** **Active - Custom**  
**Overview:** [commercial microd](#)  
**Description:** 1.27mm (.050") Pitch Commercial Micro-D, PCB Mount, Vertical Plug, without Jackposts, 25 Circuits

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	<a href="#">83614</a>
Application	Wire-to-Board
Comments	<a href="#">83041-0005</a> Jackposts can be purchased separately
Component Type	Plug
Overview	<a href="#">commercial microd</a>
Product Literature Order No	USA-063
Product Name	Commercial Micro-D
Type	N/A

**Physical**

Boot Color	N/A
Circuits (Loaded)	25
Circuits (maximum)	25
Durability (mating cycles max)	500
Gender	Plug
Lock to Mating Part	None
Material - Plating Mating	Gold
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.79mm (.110")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.52mm (.060")
Packaging Type	Tube
Panel Mount	Yes
Pitch - Mating Interface	1.27mm (.050")
Pitch - Termination Interface	1.27mm (.050")
Plating min - Mating	0.381µm (15µ")
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	1A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	350V AC

**Material Info**

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
**Not Reviewed**

**China RoHS**



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[83614Series](#)

**Mates With**

[83424](#) Cable Assembly

**Reference - Drawing Numbers**

Sales Drawing

SD-83612-007

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