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**Part Number:** [83421-9014](#)  
**Status:** **Active**  
**Overview:** Commercial Micro-D High-Density Connectors  
**Description:** 1.27mm Pitch Commercial Micro D, Cable Receptacle Kit, 9 Circuits

**Documents:**

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

**General**

Product Family	I/O Connectors
Series	<a href="#">83421</a>
Application	Wire-to-Board
Component Type	Receptacle
Overview	<a href="#">Commercial Micro-D High-Density Connectors</a>
Product Name	Commercial Micro-D
Type	N/A
UPC	800753005891

**Physical**

Boot Color	Black
Circuits (Loaded)	9
Circuits (maximum)	9
Durability (mating cycles max)	500
Gender	Receptacle
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Net Weight	13.767/g
Number of Rows	2
Orientation	N/A
PCB Locator	No
PCB Retention	N/A
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	0.64mm
Plating min - Mating	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +125°C
Termination Interface: Style	N/A
Waterproof / Dustproof	No
Wire Size AWG	26, 28

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-83421-001
Sales Drawing	SD-83421-002, SD-83421-040



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



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

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**

[83421Series](#)

**Mates With**

[83611](#) , [83619](#) , [83612](#) , [83614](#)

**Use With**

Commercial Micro-D Socket Terminal  
[83000-9502](#) , [83000-9503](#) , [83000-0083](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Manual Press for Micro-D Backshell Crimp Tool Kit, 9 Circuits	<a href="#">0622008900</a>

Micro-D Backshell 0622009000  
Crimp Tool Kit, 9  
Circuits

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