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Part Number: [0834219014](#)
Status: **Active**
Overview: [commercial_microd](#)
Description: 1.27mm (.050") Pitch Commerical 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	83421
Application	Wire-to-Board
Component Type	Receptacle
Overview	commercial_microd
Product Literature Order No	USA-063
Product Name	Commercial Micro-D
Type	N/A

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
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 (.025")
Plating min - Mating	0.762µm (30µ")
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

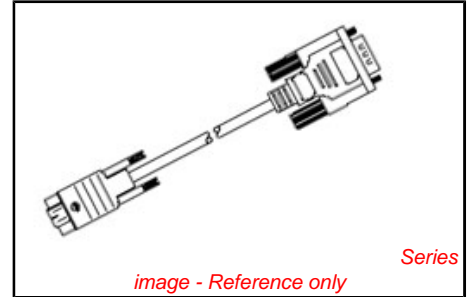
Electrical

Current - Maximum per Contact	1A
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



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed
Low-Halogen Status Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email 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](#)

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	0622008900
Crimp Tool Kit, 9 Circuits	
Micro-D Backshell	0622009000
Crimp Tool Kit, 9 Circuits	
Hand Crimp Tool	0621000900

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