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Part Number: [0836129022](#)
Status: **Active**
Overview: [commercial_microd](#)
Description: 1.27mm (.050") Pitch Commercial Micro-D, PCB Mount, Right Angle Plug, without Jackposts, 15 Circuits

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

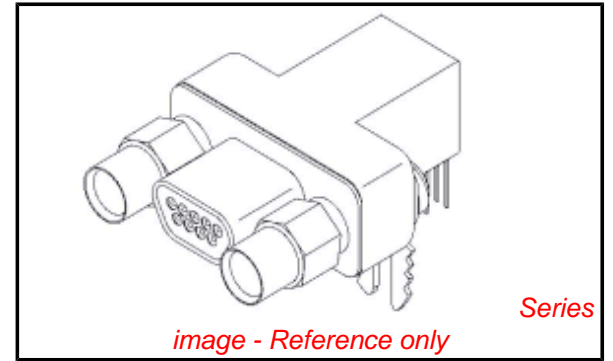
Product Family	I/O Connectors
Series	83612
Application	Wire-to-Board
Comments	83041-0005 Jackposts can be purchased separately
Component Type	Plug
Overview	commercial_microd
Product Literature Order No	USA-063
Product Name	Commercial Micro-D
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	15
Circuits (maximum)	15
Durability (mating cycles max)	500
Gender	Plug
Lock to Mating Part	None
Material - Plating Mating	Gold
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.110 In
PC Tail Length (mm)	2.79 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.060 In
PCB Thickness Recommended (mm)	1.52 mm
Packaging Type	Tube
Panel Mount	Yes
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Pitch - Term. Interface (in)	0.050 In
Pitch - Term. Interface (mm)	1.27 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.38
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
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EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
Halogen-Free
**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

[83612Series](#)

Mates With

[83422](#) Cable Assembly

Shield Type
Shielded
Voltage - Maximum

Full Shield
Yes
350V AC

Material Info

Reference - Drawing Numbers

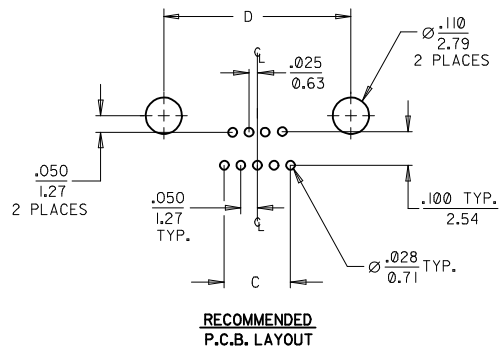
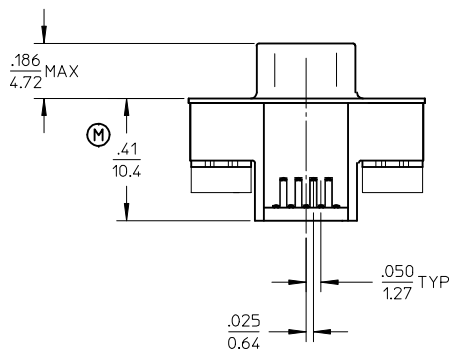
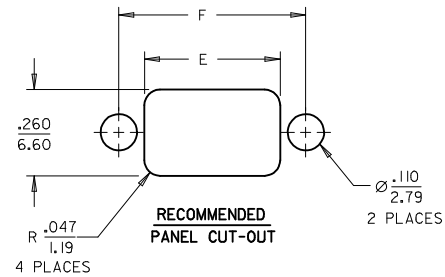
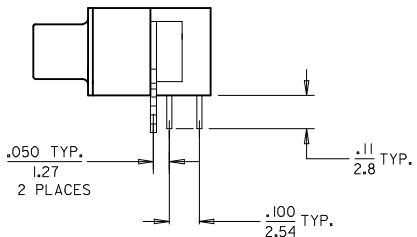
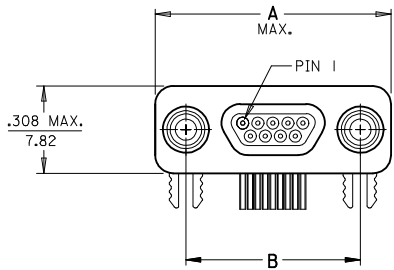
Sales Drawing

SD-83611-002

This document was generated on 05/20/2010

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MATERIAL NO.	ENG. NO.	SIZE	A MAX.	B	C	D	E	F
836119016	83611-9016	9	.783/19.93	.565/14.35	.200/5.08	.565/14.35	.410/10.41	.565/14.35
836129022	83612-9022	15	.933/23.75	.715/18.16	.350/8.88	.715/18.16	.560/14.22	.715/18.16
836149014	83614-9014	25	1.18530/10	.965/24.51	.600/15.23	.965/24.51	.810/20.57	.965/24.51



SIZE 9 SHOWN

SALES DRAWING

3. PART IS RoHS COMPLIANT
 2. MARKING: NONE.
 1. REFER TO PS-83421-9000 FOR PRODUCT SPECIFICATION.
NOTES: UNLESS OTHERWISE SPECIFIED.

DIM WAS 49/125 EC NO: WNA2009-0728 DRWNR: RUPERT CHKD: BRUPERT APPR: JF MURPHY 2009/05/05 2009/06/03	DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY JLOMASTR	DATE 06/04/17	TITLE CONNECTOR SUB-ASSEMBLY RIGHT ANGLE PLUG WITHOUT JACKPOSTS SIZE 9-15-25		
				4 PLACES ± ---	± ---	CHECKED BY RDEROSS	DATE 06/04/17			
				3 PLACES ± ---	± .010	APPROVED BY RDEROSS	DATE 06/04/17	MATERIAL NO. SD-83611-002		
		2 PLACES ± 0.25	± .01	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOCUMENT NO. SD-83611-002		SHEET NO. 1 OF 1		
		1 PLACE ± 0.25	± ---	SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		ANGULAR ± 1/2°								