

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0836129022

Status:

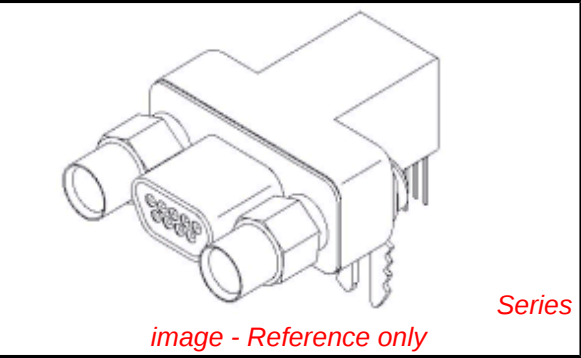
Active

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

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

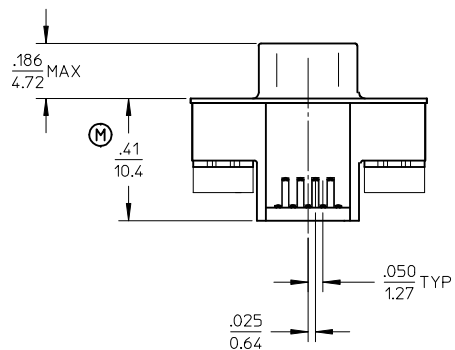
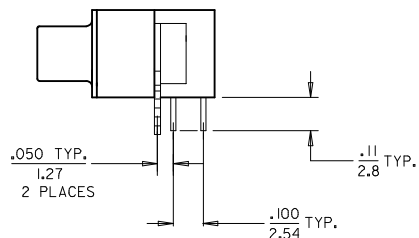
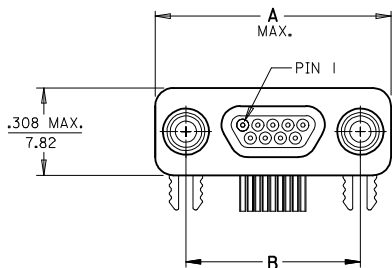
83422 Cable Assembly

Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	350V AC
Material Info	
Reference - Drawing Numbers	
Sales Drawing	SD-83611-002

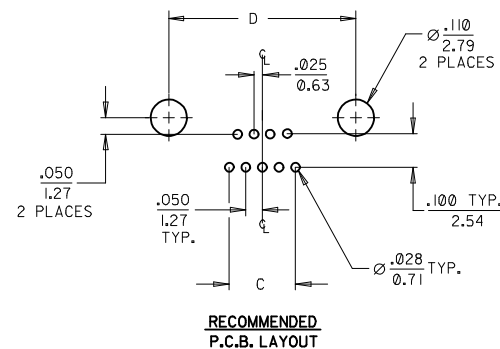
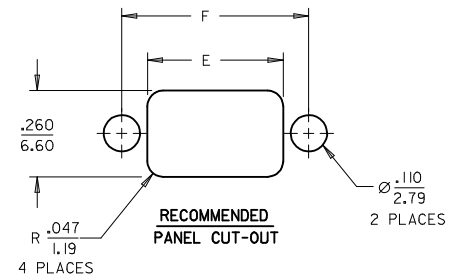
This document was generated on 05/20/2010

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10	9	8	7	6	5	4	3	2	1
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	1.185/30.10	.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: BRUPERT 2009/05/05 CHKD: BRUPERT APPR: JF MURPHY 2009/06/03 M REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	
							IN/MM			INCH		
					mm	INCH	DRAWN BY	DATE	TITLE CONNECTOR SUB-ASSEMBLY RIGHT ANGLE PLUG WITHOUT JACKPOSTS SIZE 9-15-25			
			4 PLACES ± ---		± ---	JLOMASTR	06/04/17					
			3 PLACES ± ---		± .010	CHECKED BY	DATE	MOLEX INCORPORATED				
			2 PLACES ± 0.25		± .01	RDEROSS	06/04/17					
			1 PLACE ± 0.25		± ---	APPROVED BY	DATE	DOCUMENT NO. SD-83611-002				
			ANGULAR ±1/2°		RDEROSS	06/04/17						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.		SHEET NO.			
							SEE CHART		1 OF 1			
				SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							