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Part Number:

0836119016

Status:

Active

Overview:

commercial_microd

Description:

1.27mm (.050") Pitch Commercial Micro-D, PCB Mount, Right Angle Plug, without Jackposts, 9 Circuits



Series

image - Reference only

Documents:

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

General

Product Family	I/O Connectors
Series	83611
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

Circuits (Loaded)	9
Circuits (maximum)	9
Durability (mating cycles max)	500
Lock to Mating Part	None
Material - Plating Mating	Gold
Orientation	Right Angle
PC Tail Length (in)	0.110 In
PC Tail Length (mm)	2.79 mm
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
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.38
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +125°C
Termination Interface: Style	Through Hole
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	1A
Shielded	Yes
Voltage - Maximum	350V AC

Material Info

Reference - Drawing Numbers

Product Specification	PS-83421-001
Sales Drawing	SD-83611-002

EU RoHS

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

China RoHS



Not Reviewed

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.

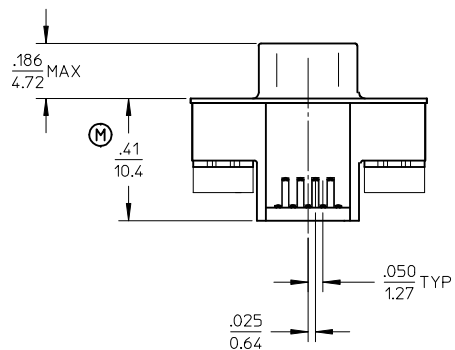
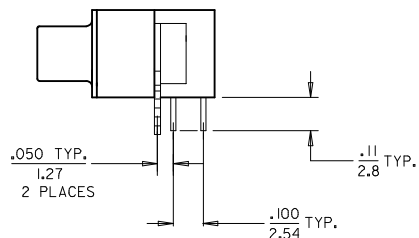
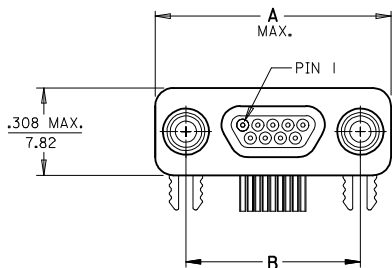
Search Parts in this Series
83611Series

Mates With
83421 Cable Assembly

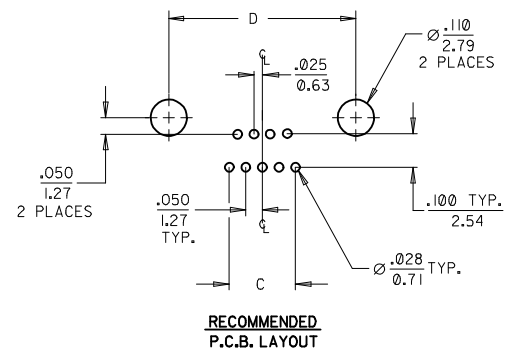
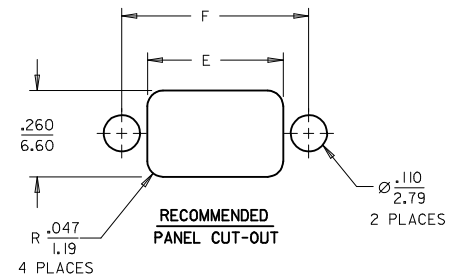
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10	9	8	7	6	5	4	3	2	1
MATERIAL NO.	ENG. NO.	SIZE	A MAX.	B	C	D	E	F	
836119016	83611-9016	9	.783/19.93	.565/14.35	.200/5.08	.565/14.35	.410/10.41	.565/14.35	
836129022	83612-9022	15	.933/23.75	.715/18.16	.350/8.88	.715/18.16	.560/14.22	.715/18.16	
836149014	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: JFURPHY 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.		SEE CHART			SHEET NO. 1 OF 1	
							SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					