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Part Number: [0681141562](#)
Status: **Active**
Description: High Density D-Subminiature Shielded I/O PCB Female Receptacle, Right Angle, 15 Circuits, Hexagon Nut, Lead Free

Documents:

3D Model	Product Specification PS-68114-002 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	I/O Connectors
Series	68114
Application	Wire-to-Board
Component Type	Plug
Product Name	D-Sub
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	15
Circuits (maximum)	15
Durability (mating cycles max)	500
Gender	Receptacle
Keying to Mating Part	None
Lock to Mating Part	No
Material - Plating Mating	Gold
Number of Rows	3
Orientation	Right Angle
PC Tail Length (in)	0.130 In
PC Tail Length (mm)	3.30 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface (in)	0.090 In
Pitch - Mating Interface (mm)	2.29 mm
Pitch - Term. Interface (in)	0.090 In
Pitch - Term. Interface (mm)	2.29 mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire Insulation Diameter	N/A
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	3A
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	350V AC (RMS)/DC

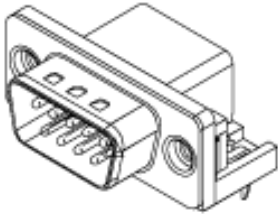


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

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

[68114Series](#)

Material Info

Reference - Drawing Numbers

Product Specification	PS-68114-002
Sales Drawing	SD-68114-002

This document was generated on 06/07/2010

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DO NOT SCALE DRAWING
DIMENSION IN METRIC

C

PROJECT NO.

SIMILAR ITEM

DWG. IO.
SD 68114-002

NOTES

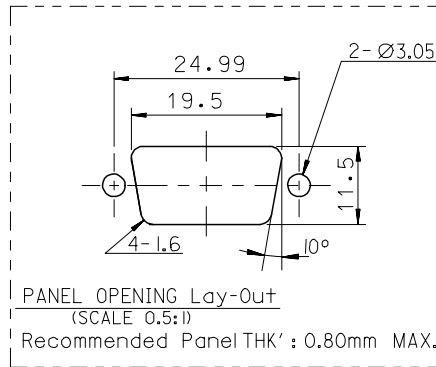
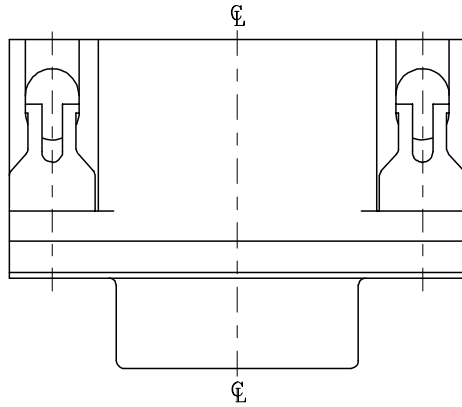
1. Product Specification : PS-68114-002
2. Material & Finish

No.	Part Name	MATERIAL	REMARK
①	Housing	PBT (UL94V-0)	GLASS FILLED
②	Recept Ter	BRASS (C2700W)	Selective Gold
③	Metal Shell	SPCC-SD	Ni-Sn Plating
④	Hexagon Nut	BRASS(C3603BD)	Tin-Ni Plating

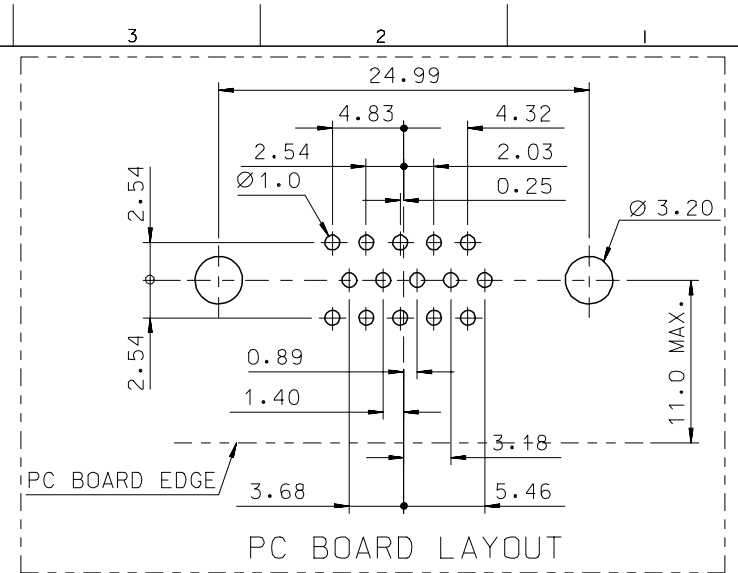
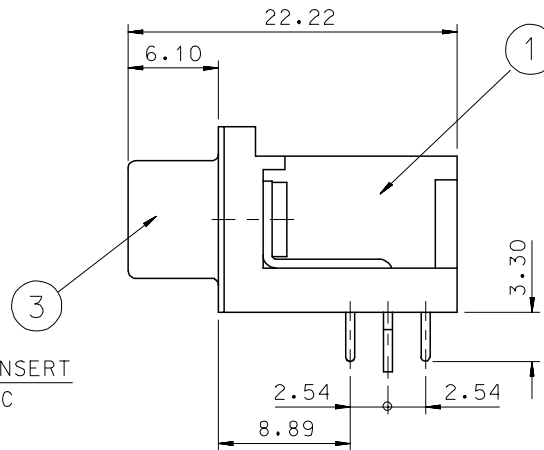
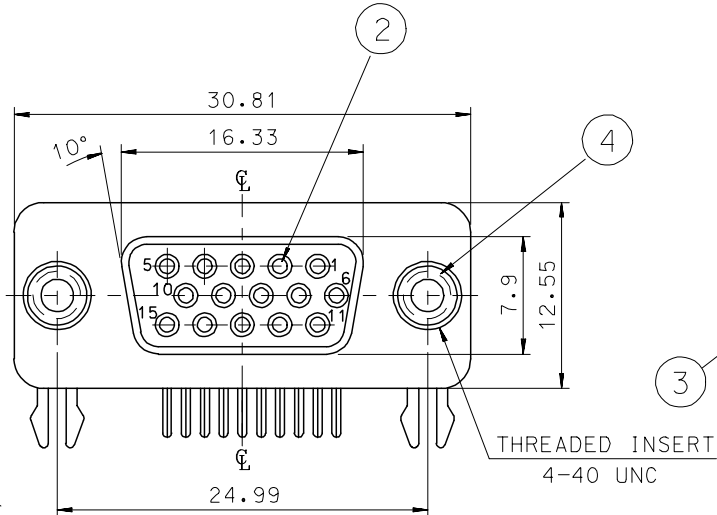
3. Receptacle Terminal Plating Finish SPEC

1 - 2 micrometer min. nickel overall,
2 - 3 micrometer min. tin selectively
on solder tail only.
Flash(0.1 micrometer) gold selectively on mating area.

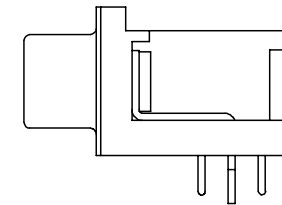
LEAD FREE



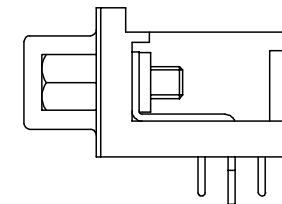
PANEL OPENING Lay-Out
(SCALE 0.5:1)
Recommended Panel THK' : 0.80mm MAX.



68114-1561 : Standard



68114-1562 : Hexagon Nut



RELEASED	EC NO. KOR2005-0195 DRWN: DYJANG(05/09) CHK: Y.SIK/JIM APPR: CWLEE	DESCRIPTION	QUALITY SYMBOLS MAJOR = CRITICAL C	GENERAL TOLERANCES: (UNLESS SPECIFIED)			SCALE 3/1	DESIGN UNITS ☒ mm ☐ INCH		THIRD ANGLE PROJECTION	☐ mm INCH	☐ INCH mm	☒ mm ONLY	REVISE ON CAD ONLY	
					mm	INCH	DRAWN BY & DATE J.S.KANG 97 9.29		TITLE: HIGH DENSITY D-SUB CONN. RECEPTACLE (R/A)						
				4 PLACES	±0.	±.	CHECKED BY & DATE J.K.OH								
				3 PLACES	±0.	±.	APPROVED BY & DATE C.W.LEE		MOLEX INCORPORATED KOREA						
				2 PLACES	±0.3	±.									
1 PLACE	±0.4	±.	ANGULAR: ± 1 °		CAD FILENAME SD68114.DGN	MATERIAL NO. ---	DRAWING NO. SD 68114-002	SHEET NO. 1 of 1							
A	REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.							SIZE B	

MX-A3