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Part Number:

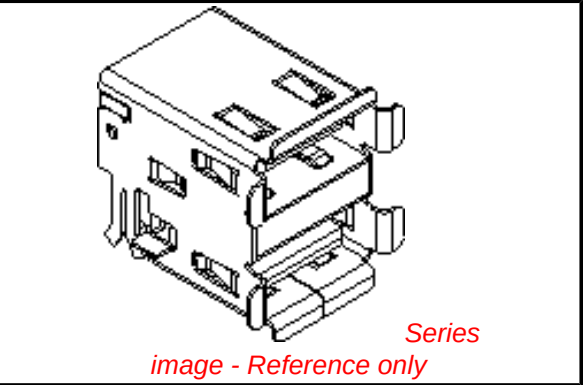
0672982090

Status:

Active

Description:

Universal Serial Bus (USB) Shielded I/O Receptacle, Right Angle, Dual Stacked, Type A, Gold (Au) Flash, Black Housing, with 2 Beveled Metal Pins, Tray Package, Lead Free



Documents:

[3D Model](#)

[Test Summary \(PDF\)](#)

[Drawing \(PDF\)](#)

[Product Specification PS-67298-002 \(PDF\)](#)

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

General	
Product Family	I/O Connectors
Series	67298
Application	Wire-to-Board
Comments	2 Beveled Metal Pins
Component Type	Receptacle
Product Name	USB
Type	A
Physical	
Boot Color	N/A
Circuits (Loaded)	8
Circuits (maximum)	8
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.079 In
PC Tail Length (mm)	2.00 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.047 In
PCB Thickness Recommended (mm)	1.20 mm
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface (in)	0.079 In, 0.098 In
Pitch - Mating Interface (mm)	2.00 mm, 2.50 mm
Pitch - Term. Interface (in)	0.079 In, 0.098 In
Pitch - Term. Interface (mm)	2.00 mm, 2.50 mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	2
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +50°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Electrical	
Current - Maximum per Contact	1.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V DC

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

67298Series

Mates With

USB Type A Plug

Material Info

Reference - Drawing Numbers

Product Specification	PS-67298-002
Sales Drawing	SD-67298-007

This document was generated on 03/31/2010

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E

D

C

B

A

E

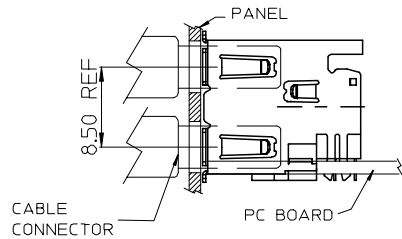
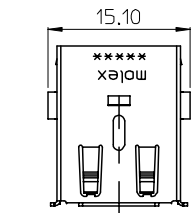
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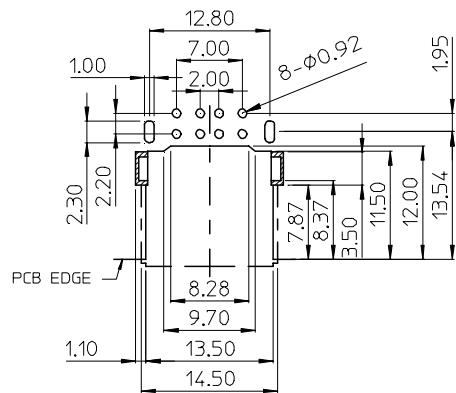
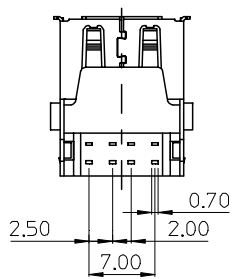
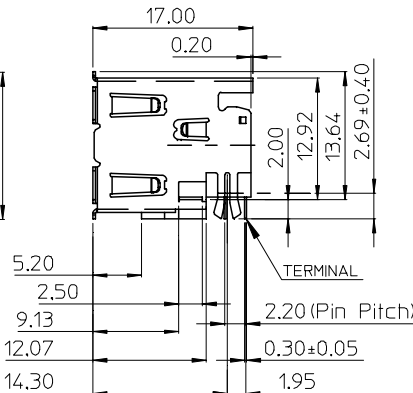
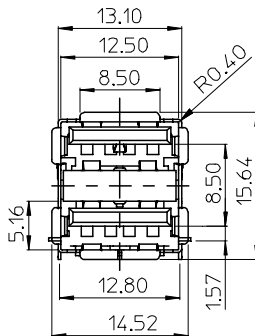
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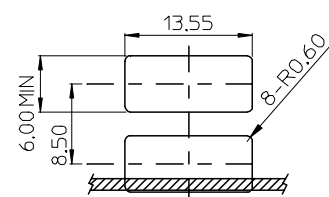
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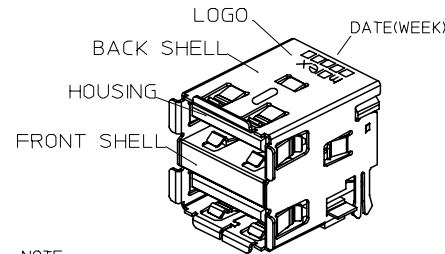
RECESSED MOUNTING CONFIGURATION



RECOMMENDED PCB LAYOUT COMPONENT SIDE VIEW



MOUNTING PANEL CUTOUT (INTERNAL SIDE)



- NOTE:
1. MATERIAL:
HOUSING: NYLON GLASS-FIBER REINFORCED, UL94-V0, COLOR: BLACK.
TERMINAL: PHOSPHOR BRONZE.
METAL SHELL: FRONT SHELL: SUS 304
BACK SHELL: BRASS
 2. PLATING:
TERMINAL:
CONTACT AREA: SEE TABLE
SOLDER TAIL: TIN PLATED (Sn) ALLOY, THICKNESS=75 MICROINCH MIN.
UNDERPLATE: NICKEL (Ni), THICKNESS=50 MICROINCH MIN.
SURFACE APPEARANCE: BRIGHT.
METAL SHELL:
TIN PLATED (Sn) AT SOLDER AREA
THICKNESS=100 MICROINCH MINIMUM.
UNDER PLATE: NICKEL (Ni) (SOLDERING AVAILABLE)
THICKNESS=50 MICROINCH MINIMUM.
SURFACE APPEARANCE: BRIGHT.
 3. RECOMMENDED PCB THICKNESS: 1.20±0.05MM
 4. PRODUCT SPECIFICATION: REFER TO PS-67998-002
 5. TEST SUMMARY: REFER TO TS-67298-007
 6. PACKAGING SPECIFICATION:
REFER TO PK-67298-003 FOR TRAY,
REFER TO PK-67298-004 FOR TAPE & REEL.
 7. LEAD FREE AND ROHS COMPLIANCE PRODUCT
 8. FOR IR REFLOW PROCESS
 9. WEEK CODE XXXXX

YEAR WEEK FACTORY

PART NUMBER LEGEND

P/N	CONTACT PLATING	PACKAGE
67298-2090	GOLD FLASH	TRAY
67298-2091	30 MICROINCH GOLD	TRAY
67298-2190	GOLD FLASH	TAPE & REEL
67298-2191	30 MICROINCH GOLD	TAPE & REEL

L/F FOR 67298
EC NO: SH20050529297
DRWN: JCHEN12 2005/05/06
CHKD: 2005/05/10
APPR: WWSCHANG 2005/05/10

QUALITY SYMBOLS	DESCRIPTION
▽=0	
▽=0	

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
IVY-LIN	05/04/18
CHECKED BY	DATE
ALLEN	05/04/18
APPROVED BY	DATE
WWSCHANG	05/04/18
MATERIAL NO.	
SEE TABLE	
SIZE	
A4	

SCALE	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
TITLE USB DUAL STACKED A CONNECTOR (LEAD FREE VERSION)			
	MOLEX INCORPORATED		
DOCUMENT NO. SD-67298-007			SHEET NO. 1 OF 1
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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