

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

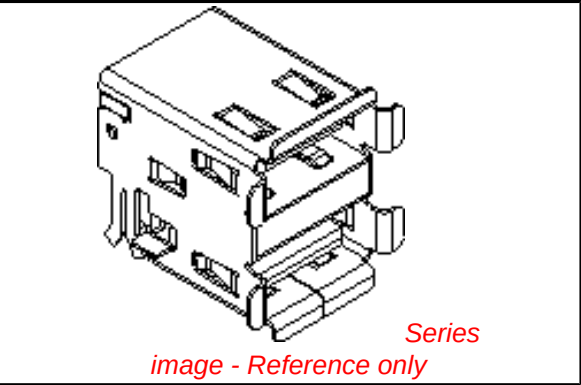
0672983091

Status:

Active

Description:

Universal Serial Bus (USB) Shielded I/O Receptacle, Right Angle, Dual Stacked, Type A, 0.76µm (30µ") Gold (Au) Plating, Black Housing, with 4 Beveled Metal Pins, Lead Free



Documents:	
3D Model	Product Specification PS-67298-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	I/O Connectors
Series	67298
Application	Wire-to-Board
Comments	4 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)	0.110 In
PC Tail Length (mm)	2.80 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 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
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
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

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

Voltage - Maximum

30V DC

Material Info

Reference - Drawing Numbers

Product Specification

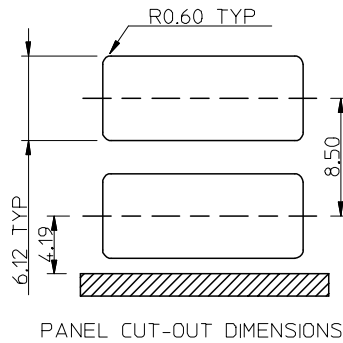
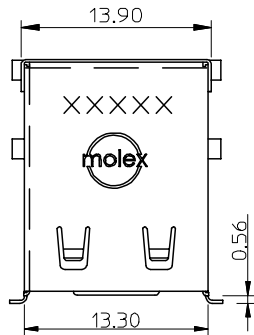
PS-67298-001

Sales Drawing

SD-67298-008

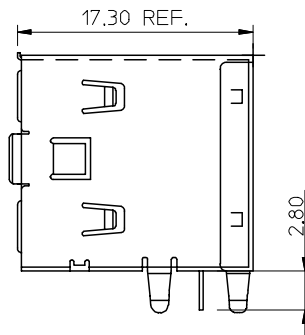
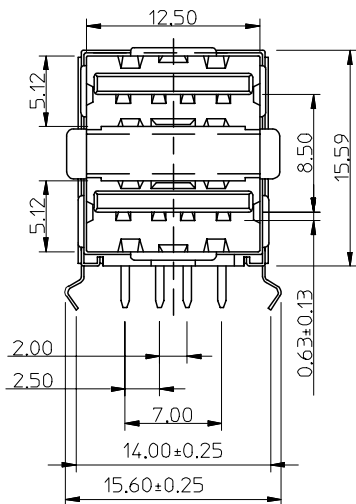
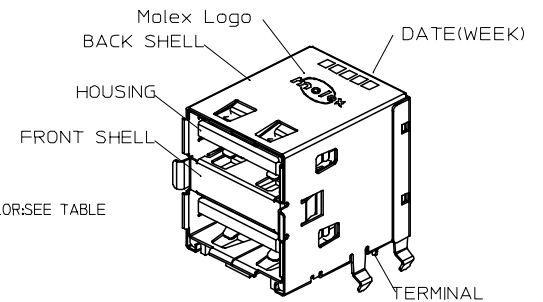
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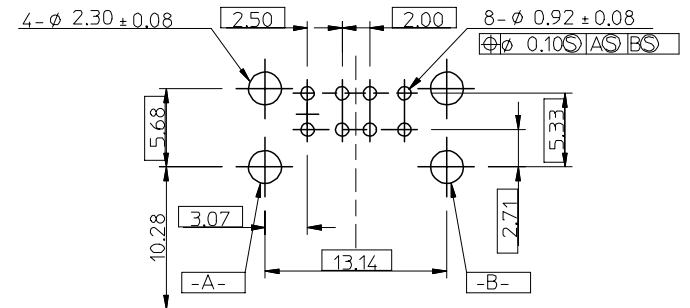


- NOTE :
1. MATERIAL :
HOUSING :POLYESTER(PBT),GLASS FIBER FILLED, UL94-V0,COLOR:SEE TABLE
TERMINAL :PHOSPHOR BRONZE
METAL SHELL :FRONT SHELL:SUS 304
BACK SHELL:SPCC
 2. PLATING :
TERMINAL :
CONTACT AREA :SEE TABLE
SOLDER TAIL :TIN(Sn) ALLOY,THICKNESS=75 MICROINCH MIN/19 MICROMETER MIN.
UNDER PLATE :NICKEL(Ni),THICKNESS=50 MICROINCH MIN/127 MICROMETER MIN.
METAL SHELL :TIN PLATING,THICKNESS=100 MICROINCH MIN/254 MICROMETER MIN.
UNDER PLATE :NICKEL (Ni),THICKNESS=50 MICROINCH MIN/127 MICROMETER MIN.
 3. RECOMMENDED PCB THICKNESS :1.60+/-0.05mm
 4. PRODUCT SPECIFICATION:REFER TO PS-67298-001
 5. TEST SUMMARY:REFER TO TS-67298-008
 6. PACKAGING:REFER TO PK-67298-003
 7. THE HOUSING MATERIAL IS NOT FOR IR REFLOW PROCESS
OR SURFACE MOUNTING COMPATIBLE PROCESS.
 8. LEAD FREE AND ROHS COMPLIANCE PRODUCT
 9. WEEK CODE XXXXX

FACTORY
WEEK
YEAR



P/N	COLOR	CONTACT PLATING
67298-3090	BLACK	GOLD FLASH
67298-4090	WHITE	GOLD FLASH
67298-3091	BLACK	30 MICRO INCH
67298-4091	WHITE	30 MICRO CHEN



RECOMMENDED PCB LAYOUT

L/F FOR 67298 EC NO: SH2005020297 DRWN: JCHEN12 2005/05/06 CHKD: 2005/05/10 APPR: WWSCHANG 2005/05/10		DESIGNATION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY IVY-LIN	DATE 2005/03/11	TITLE USB DUAL STACKED A CONNECTOR (LEAD FREE VERSION)				
				4 PLACES	± ---	± ---	CHECKED BY ALL IN	DATE 2005/04/01					
				3 PLACES	± ---	± ---	APPROVED BY WWSCHANG	DATE 2005/04/01	MOLEX INCORPORATED				
				ANGULAR ± 3 °			MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-67298-008			1 OF 1	
							SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					