

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

Drawing (PDF)

Product Specification PS-67298-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

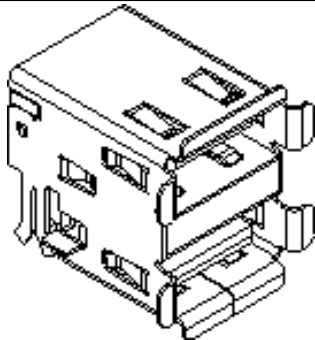
Product Family	I/O Connectors
Series	67298
Application	Wire-to-Board
Comments	4 Beveled Metal Pins
Component Type	Receptacle
Product Name	USB
Type	A

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



Series
image - Reference only

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

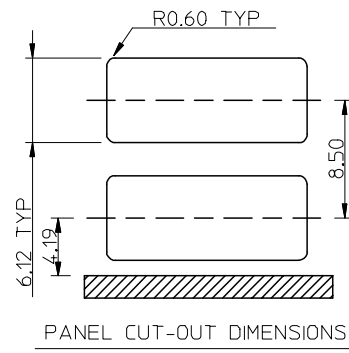
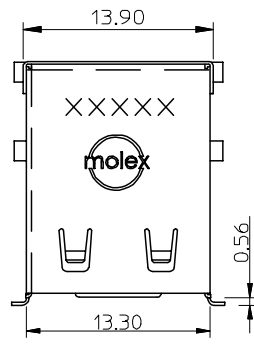
PS-67298-001

Sales Drawing

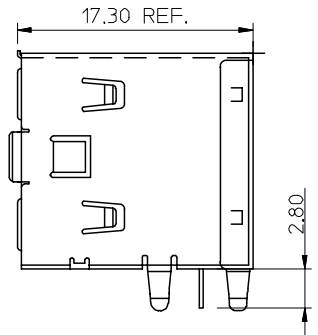
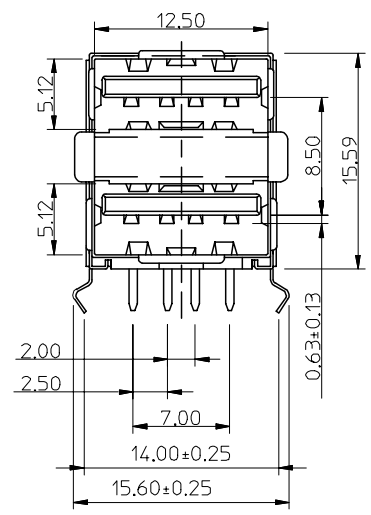
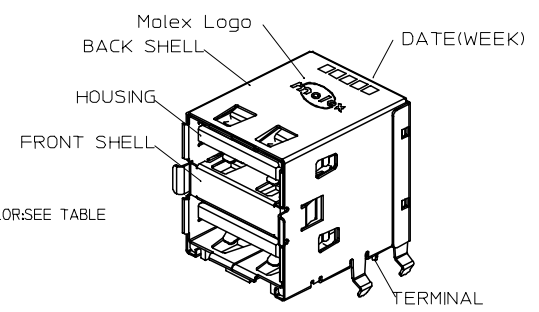
SD-67298-008

This document was generated on 03/31/2010

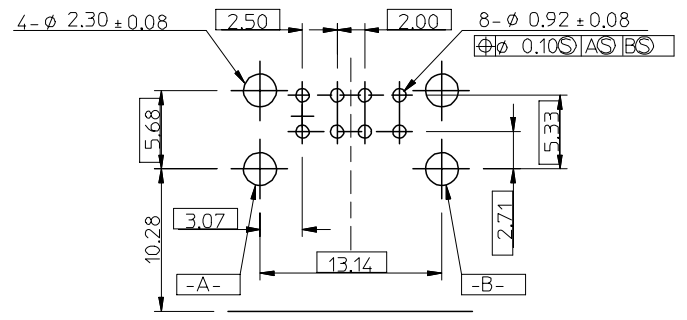
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



- 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



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 CHKD: 2005/05/10 APPR:WWSCHANG 2005/05/10	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY			METRIC		
				DRAWN BY DATE		TITLE			
				IVY-LIN 2005/03/11		USB DUAL STACKED A CONNECTOR (LEAD FREE VERSION)			
				CHECKED BY DATE		MOLEX INCORPORATED			
REV	DESCRIPTION	2 PLACES ± 0.25 ± ---		ALL IN 2005/04/01		SD-67298-008			
		1 PLACE ± 0.25 ± ---		APPROVED BY DATE		SHEET NO. 1 OF 1			
		ANGULAR ± 3 °		MWSCHANG 2005/04/01					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.			
				SEE TABLE		SD-67298-008			
				SIZE A4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



ООО «НИОКРсистемс» - это оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов. Реализуемая нашей компанией продукция насчитывает более полумиллиона наименований.

Благодаря этому наша компания предлагает к поставке практически не ограниченный ассортимент компонентов как оптовыми, мелкооптовыми партиями, так и в розницу.

Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

Наша компания это:

- Гарантия качества поставляемой продукции
- Широкий ассортимент
- Минимальные сроки поставок
- Техническая поддержка
- Подбор комплектации
- Индивидуальный подход
- Гибкое ценообразование
- Работаем по 275 ФЗ