

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0672481000

Status:

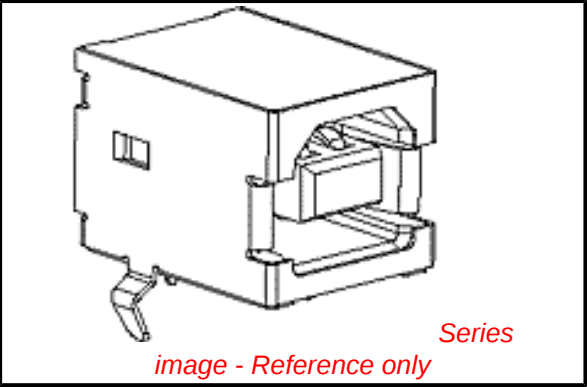
Active

Description:

Universal Serial Bus, Shielded I/O, Type B Receptacle, Right Angle, Short Body, 4 Circuits

Replacement Part Number:

67068



Series
image - Reference only

Documents:

Drawing (PDF)

Product Specification PS-67998-0000 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	I/O Connectors
Series	67248
Application	Wire-to-Board
Comments	Short Body
Component Type	Receptacle
Obsolete Date	2006/04/01
Product Name	USB
Replacement Part Number	67068
Type	B

Physical	
Circuits (Loaded)	4
Circuits (maximum)	4
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Orientation	Right Angle
PC Tail Length (in)	0.110 In
PC Tail Length (mm)	2.80 mm
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface (in)	0.098 In
Pitch - Mating Interface (mm)	2.50 mm
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +40°C
Termination Interface: Style	Through Hole
Wire Size AWG	N/A

Electrical	
Current - Maximum per Contact	1A
Shielded	Yes
Voltage - Maximum	30V

Material Info

Reference - Drawing Numbers	
Product Specification	PS-67998-0000

EU RoHS

Not RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS

50

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

67248Series

Mates With

USB Type

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DO NOT SCALE DRAWING

CAD FILE NO. S6724802.S01

SIMILAR ITEM

EDP NO.

ENG. NO 67248-*00*

PART NUMBER LEGEND:

P/N	COLOR	CONTACT PLATING
67248-0000	BLACK	GOLD FLASH
67248-0001	BLACK	0.76 MICROMETER/30 MICROINCH GOLD
67248-1000	WHITE	GOLD FLASH
67248-1001	WHITE	0.76 MICROMETER/30 MICROINCH GOLD

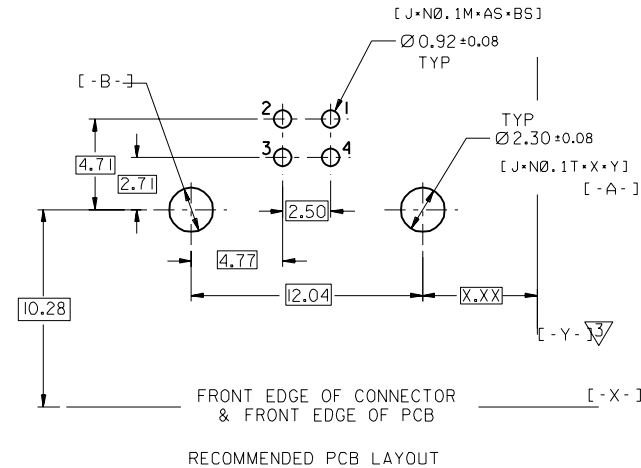
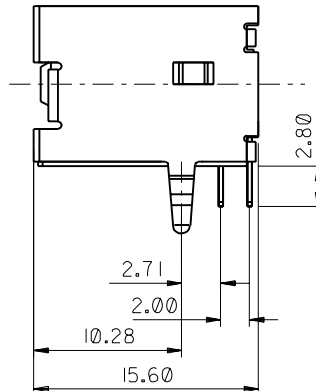
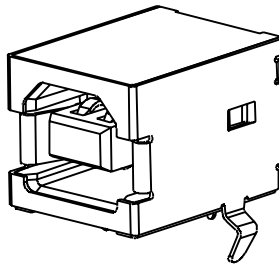
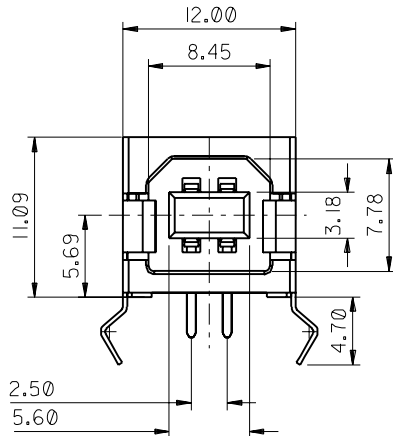
RTM EC NO. T2000-0019 DRWN: SAM SHIN 991102 CHK: VINCENT 991102 APPR: MEGA LIN 991102	TOOLING RELEASE EC NO. T1999-0276 DRWN: SAM SHIN 990428 CHK: VINCENT 990428 APPR: MEGA LIN 990428	DESCRIPTION B	REV

QUALITY SYMBOLS
MAJOR = 0
CRITICAL = 0

GENERAL TOLERANCES: (UNLESS SPECIFIED)			
	mm	INCH	
4 PLACES	±0.	±.	
3 PLACES	±0.	±.	
2 PLACES	±0.25	±0.10	
1 PLACE	±0.25	±0.10	
ANGULAR: ±3°			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			

SCALE 3:1	DESIGN UNITS ☒ mm ☐ INCH
DRAWN BY & DATE SAM SHIN	
CHECKED BY & DATE	
APPROVED BY & DATE	
CAD FILENAME S6724802.s01	

 THIRD ANGLE PROJECTION		☐ mm INCH	☐ INCH mm	☐ mm ONLY	REVISE ON CAD ONLY
TITLE: SALES DRAWING OF USB"B" R/A CONNECTOR					
 MOLEX INCORPORATED					
MATERIAL NO. 67248-•00•		DRAWING NO. SD-67248-002		SHEET NO. 1	
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX WOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					SIZE A3



NOTES :

1. MATERIAL :

HOUSING : POLYESTER , UL94-V0 , COLOR:(a) BLACK (b) WHITE
TERMINAL : PHOSPHOR BRONZE
METAL SHELL : COPPER ALLOY

2. PLATING :

TERMINAL :
CONTACT AREA : (a) GOLD FLASH.
(b) GLOD (Au), THICKNESS = 30 MICROINCH/0.76 MICROMETER
SOLDER TAIL : TIN-LEAD (Sn-Pb) ALLOY,
THICKNESS= 150 MICROINCH /3.8 MICROMETER
UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH/1.27 MICROMETER
METAL SHELL :
TIN-LEAD (Sn-Pb) ALLOY , THICKNESS= 100 MICROINCH/2.54 MICROMETER
UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH/1.27 MICROMETER

3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

RECOMMENDED PCB THICKNESS : 1.60±0.05

4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

5 ANY CHANGE HAVE TO CHECK 67285-0000.