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Part Number:

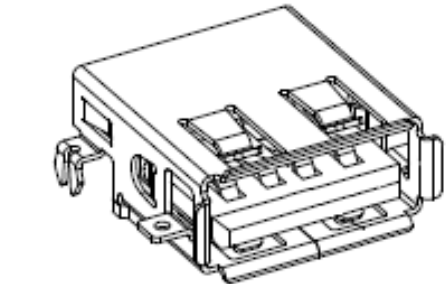
0482580002

Status:

Active

Description:

Universal Serial Bus (USB) Shielded I/O Receptacle, Type A, Right Angle,Sink Reverse Type, Mid Mount with side flange and Beveled Metal Pins, 0.76µm (30µ") Gold (Au) Plating, Lead free



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-48258-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	I/O Connectors
Series	48258
Application	Wire-to-Board
Comments	USB A Sink
Component Type	Receptacle
Product Name	USB
Type	A

Physical

Boot Color	N/A
Circuits (Loaded)	4
Circuits (maximum)	4
Gender	Male
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Right Angle
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface (in)	0.098 In
Pitch - Mating Interface (mm)	2.50 mm
Pitch - Term. Interface (in)	0.098 In
Pitch - Term. Interface (mm)	2.50 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	120
Plating min: Termination (µm)	3.05
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	1.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC

Solder Process Data

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

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
48258Series

Mates With
USB A Type Plug

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

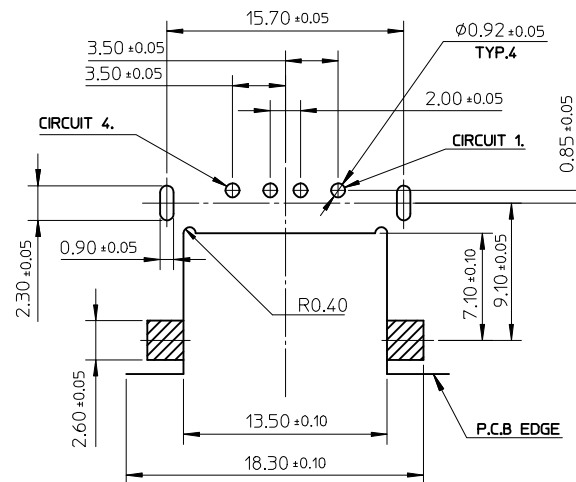
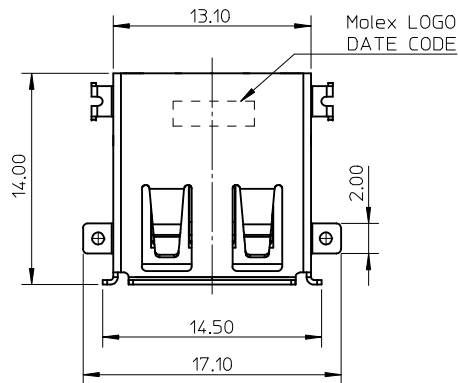
Material Info

Reference - Drawing Numbers

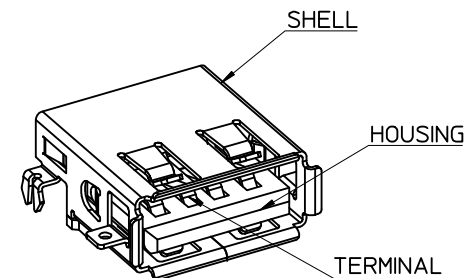
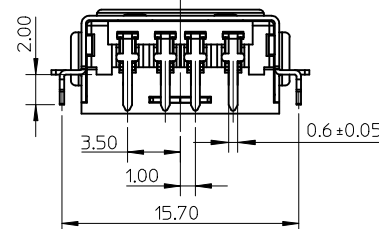
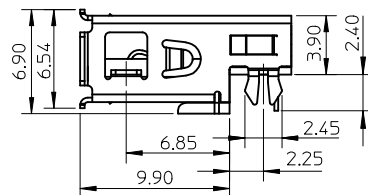
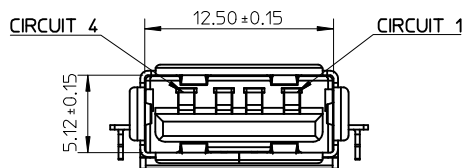
Packaging Specification	PK-48258-002
Product Specification	PS-48258-001
Sales Drawing	SD-48258-002
Test Summary	TS-48258-001

This document was generated on 05/06/2010

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RECOMMENDED PCB LAYOUT THICKNESS:1.60MM



NOTES:

1. MATERIAL:
HOUSING: NYLON PA9T, FIBER GLASS FILLED, UL94V-0, COLOR:BLACK.
TERMINAL: PHOSPHOR BRONZE.
METAL SHELL: BRASS.
2. FINISH:
TERMINAL:
SELECTIVE GOLD(Au) IN CONTACT AREA, THICKNESS=30 MICROINCH MINIMUM;
SELECTIVE TIN IN SOLDER TAIL AREA, THICKNESS=100 MICROINCH MINIMUM;
NICKEL(Ni) OVERALL.
METAL SHELL:
NICKEL(Ni) OVERALL, THICKNESS=30 MICROINCH MINIMUM;
UNDER PLATED: COPPER(Cu) OVERALL.
3. PRODUCT SPECIFICATION REFER TO PS-48258-001.
4. PACKAGE SPECIFICATION REFER TO PK-48258-002.
5. TEST SUMMARY REFER TO TS-48258-001
6. COPLANARITY TO BE 0.10 mm MAX.
7. LEAD FREE AND RoHS COMPLIANT PRODUCT.
8. DATE CODE:

X X X X X
DAY
WEEK
YEAR

NEW RELEASE EC NO: SH2010-0115 DRWN: YANG05 CHKD: HHE APPR: RZHANG 2009/10/08 2009/10/09 2009/10/23	DESCRIPTION	QUALITY SYMBOLS FA=0 FB=0 FC=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE USB A SINK REVERSE TYPE	
				mm	INCH	DRAWN BY TOO YANG	DATE 2009/05/12				
			4 PLACES	± ---	± ---	CHECKED BY	DATE				
			3 PLACES	± ---	± ---						
			2 PLACES	± 0.25	± ---						
			1 PLACE	± 0.25	± ---						
			ANGULAR ± 2 °		APPROVED BY ROST ZHANG	DATE 2009/05/12	 MOLEX INCORPORATED				
					MATERIAL NO. 48258-0002	DOCUMENT NO. SD-48258-002		SHEET NO. 1 OF 1			
			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						