

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0482040001

Status:

Active

Description:

Universal Serial Bus (USB) Shielded I/O Receptacle, Type A Upright Right Angle, Reverse Mount, Solder Tail Length 2.90mm (.114"), 3.70mm (.146") Beveled Metal Pins, PCB Thickness 1.60mm (.063"), 0.76µm (30µ") Gold (Au) Plating, Lead Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-48204-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

Component Type

Product Name

Type

I/O Connectors

48204

Wire-to-Board

Reverse Mount Type|Beveled Metal Pin Length:
3.70mm (.146")

Receptacle

USB

A

Physical

Boot Color

Circuits (Loaded)

Circuits (maximum)

Gender

Lock to Mating Part

Material - Plating Mating

Material - Plating Termination

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Polarized to Mating Part

Polarized to PCB

Ports

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Waterproof / Dustproof

N/A

4

4

Receptacle

Yes

Gold

Tin

4

Upright

0.114 In

2.90 mm

Yes

Yes

0.063 In

1.60 mm

Tray

No

0.000 In

0.00 mm

0.000 In

0.00 mm

30

0.76

Yes

Yes

1

No

-55°C to +85°C

Through Hole

No

Electrical

Current - Maximum per Contact

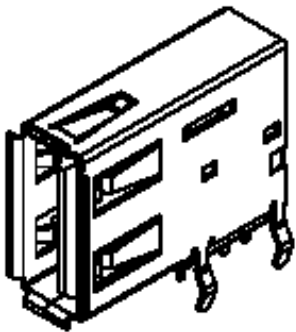
Shield Type

Shielded

1.5A

Full Shield

Yes



Series
image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

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

48204Series

Mates With

USB Type A Plug

Voltage - Maximum	30V AC (RMS)/DC
-------------------	-----------------

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	265

Material Info

Reference - Drawing Numbers

Product Specification	PS-48204-001
Sales Drawing	SD-48204-001

This document was generated on 03/31/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

F

E

D

C

B

A

F

E

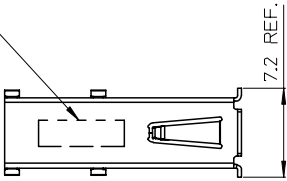
D

C

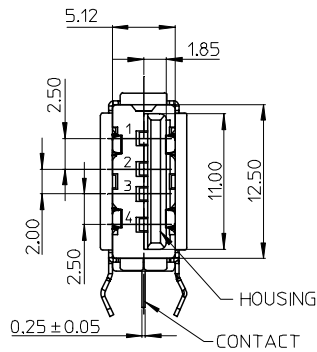
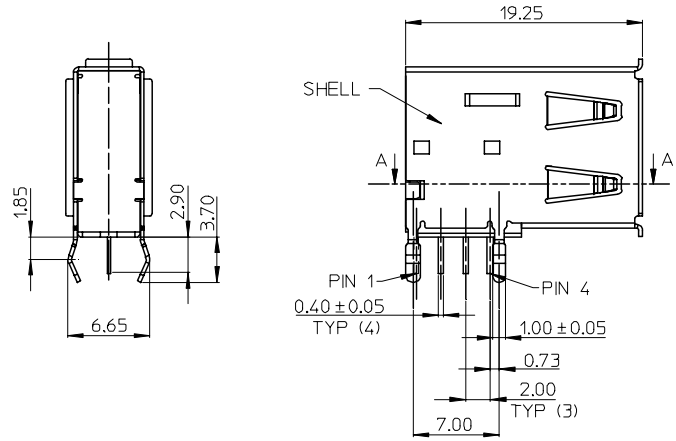
B

A

MOLEX LOGO AND
DATE CODE

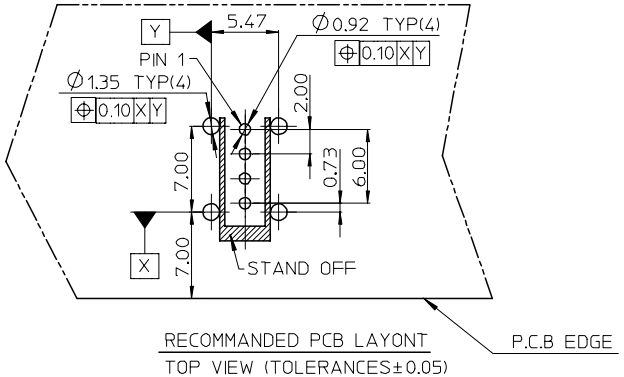
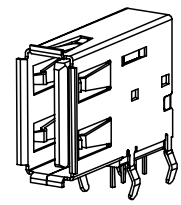


7.2 REF.



NOTES:

- 1.MATERIAL:
SHELL: BRASS
REAR SHIELD: SPCC
HOUSING:THERMOPLASTIC POLYESTER, GLASS FIBER FILLED, UL94V-0,
COLOR BLACK.
CONTACT: PHOSPHOR BRONZE
- 2.PLATING:
TERMINAL:
CONTACT AREA:GOLD(Au), THICKNESS=30 MICROINCH MINIMUM.
SOLDER TAIL:TIN (Sn), ALLOY,THICKNESS=120 MICROINCH MINIMUM.
UNDER PLATED:NICKEL(Ni).
- METAL SHELL:
NICKEL(Ni),THICKNESS=120 MICROINCH MINIMUM.
UNDER PLATE: COPPER(Cu).
- 3.RECOMMENDED PCB THICKNESS:1.60mm±0.05mm
- 4.PRODUCT SPECIFICATION: PS-48204-001
- 5.PACKAGE: PK-48204-001
- 6.TEST SUMMARY: TS-48204-001



RECOMMENDED PCB LAYONT
TOP VIEW (TOLERANCES±0.05)

NEW RELEASE EC NO: SH2005-0330 DRW:ALLIN CHKD: APPR:WWSCHANG	2005/07/21 2005/07/21 2005/07/21	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
					mm	INCH	DRAWN BY COLIN DUAN	DATE 2005/01/25	TITLE USB A TYPE UP-RIGHT REVERSE CONNECTOR (LEAD FREE VERSION)					
				4 PLACES	± ---	± ---	CHECKED BY	DATE						
				3 PLACES	± ---	± ---	ALLEN LIN	2005/01/25						
				2 PLACES	± 0.25	± ---	APPROVED BY		DATE	MOLEX MOLEX INCORPORATED				
				1 PLACE	± 0.25	± ---	WILSON CHANG		2005/01/25					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ± 3 °			MATERIAL NO. 48204-0001		DOCUMENT NO. SD-48204-001		SHEET NO. 1 OF 1				
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											