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Part Number:

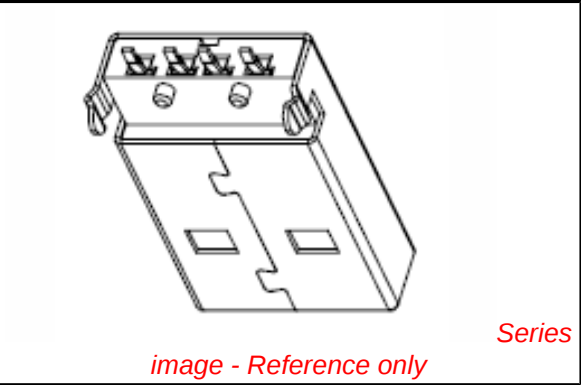
0480372000

Status:

Active

Description:

Universal Serial Bus (USB) Shielded I/O Plug, Type A, Right Angle, Surface Mount, 0.76µm (30µ") Gold (Au) Plating, PCB Thickness 1.20mm (.047") to 1.60mm (.063"), Tape on Reel Package, Lead Free



Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

General	
Product Family	I/O Connectors
Series	48037
Application	Wire-to-Board
Component Type	Plug
Product Name	USB
Type	A
Physical	
Boot Color	N/A
Circuits (Loaded)	4
Circuits (maximum)	4
Gender	Plug
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 Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.047 In, 0.062 In
PCB Thickness Recommended (mm)	1.20 mm, 1.60 mm
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface (in)	0.078 In, 0.098 In
Pitch - Mating Interface (mm)	2.00 mm, 2.50 mm
Pitch - Term. Interface (in)	0.078 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	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Electrical	
Current - Maximum	1.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	150V AC (RMS)

Solder Process Data

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

48037Series

Mates With

USB Type A Receptacle

Max. Cycles at Max. Process Temperature	10
Process Temperature max. C	260

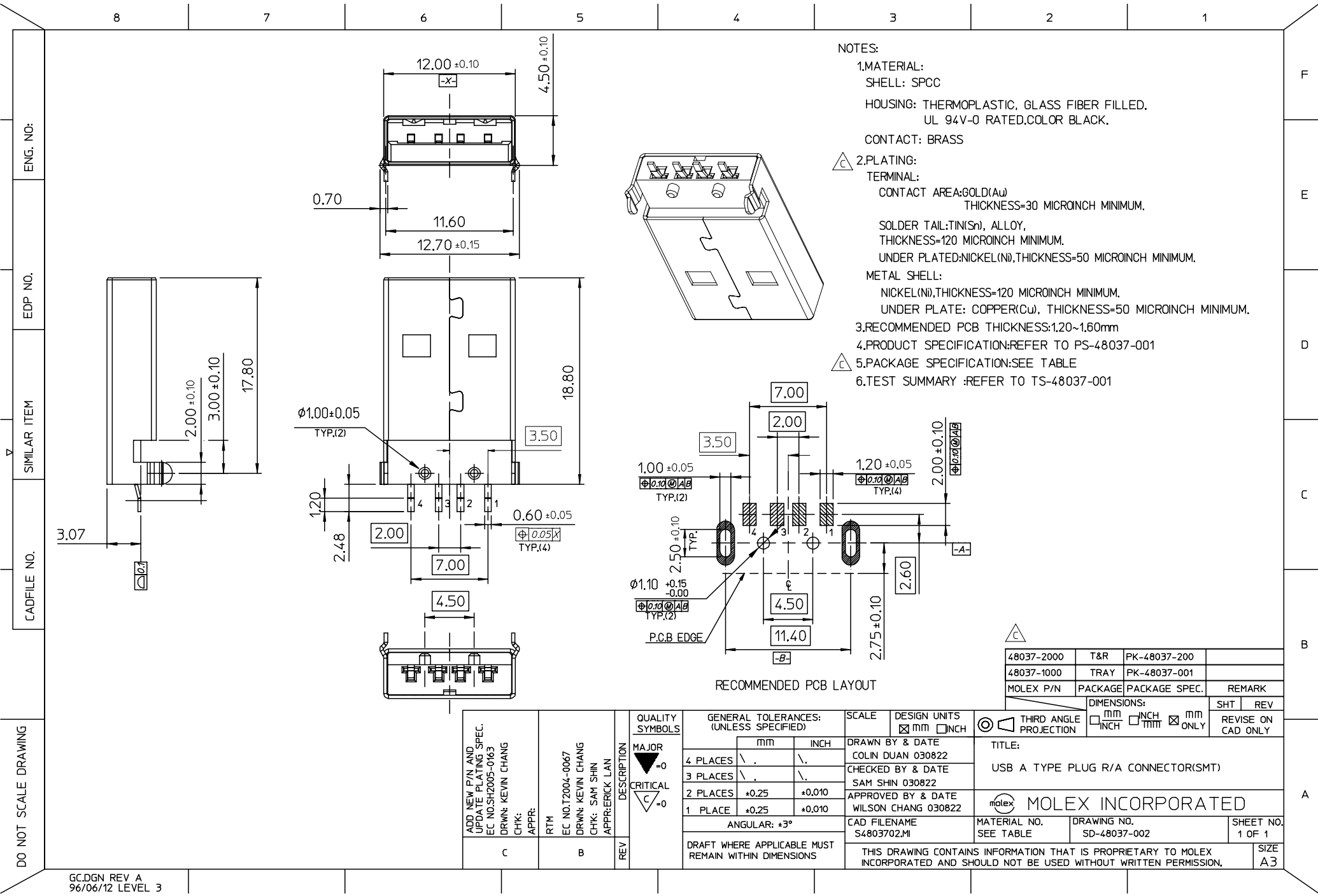
Material Info

Reference - Drawing Numbers

Sales Drawing	SD-48037-002
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This document was generated on 02/02/2010

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NOTES:

- 1.MATERIAL:
SHELL: SPCC
HOUSING: THERMOPLASTIC, GLASS FIBER FILLED,
UL 94V-0 RATED.COLOR BLACK.
CONTACT: BRASS
- 2.PLATING:
TERMINAL:
CONTACT AREA:GOLD(Au)
THICKNESS=30 MICROINCH MINIMUM.
SOLDER TAIL:TIN(Sn), ALLOY,
THICKNESS=120 MICROINCH MINIMUM.
UNDER PLATED:NICKEL(Ni),THICKNESS=50 MICROINCH MINIMUM.
METAL SHELL:
NICKEL(Ni),THICKNESS=120 MICROINCH MINIMUM.
UNDER PLATE: COPPER(Cu), THICKNESS=50 MICROINCH MINIMUM.
- 3.RECOMMENDED PCB THICKNESS:1.20~1.60mm
4.PRODUCT SPECIFICATION:REFER TO PS-48037-001
5.PACKAGE SPECIFICATION:SEE TABLE
6.TEST SUMMARY :REFER TO TS-48037-001



48037-2000	T&R	PK-48037-200	
48037-1000	TRAY	PK-48037-001	
MOLEX P/N	PACKAGE	PACKAGE SPEC.	REMARK

DIMENSIONS:		SHT	REV
☐ mm	☐ INCH	☐ mm	☐ INCH
☐ mm	☐ INCH	☐ mm	☐ INCH

THIRD ANGLE PROJECTION		TITLE:	
		USB A TYPE PLUG R/A CONNECTOR(SMT)	

MOLEX INCORPORATED			
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CAD FILENAME	MATERIAL NO.	DRAWING NO.	SHEET NO.
S4803702.MI	SEE TABLE	SD-48037-002	1 OF 1

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