



产品编号：[480372200](#)

Product Description : Universal Serial Bus (USB) Shielded I/O Plug, Type A, Right-Angle, Surface Mount, Straight Tab 3.80mm, 0.76µm Gold (Au) Plating, PCB Thickness 1.60mm, Tape on Reel Package, Lead-Free

系列号：48037

状态：Active

Product Category：I/O Connectors



文件和资源

图纸

[图纸 480372200_sd.pdf](#)

[包装设计图 PK-48037-210-002.pdf](#)

3D 模型和设计文件

[3D模型 480372200_stp.zip](#)

[电气模型文件 EE-67329-001-001.pdf](#)

[电气模型文件 EE-48204-001-001.pdf](#)

规格

[产品规格 PS-48037-001-001.pdf](#)

[产品规格 TS-48037-001-001.pdf](#)

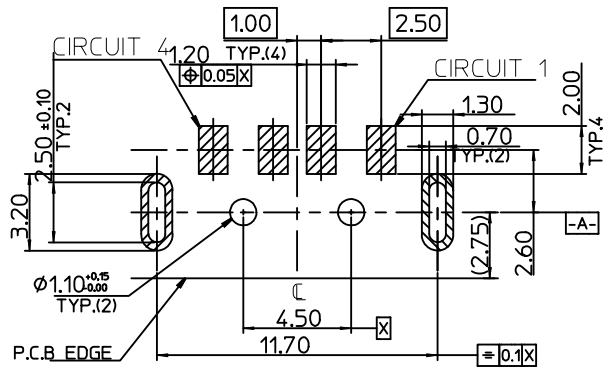
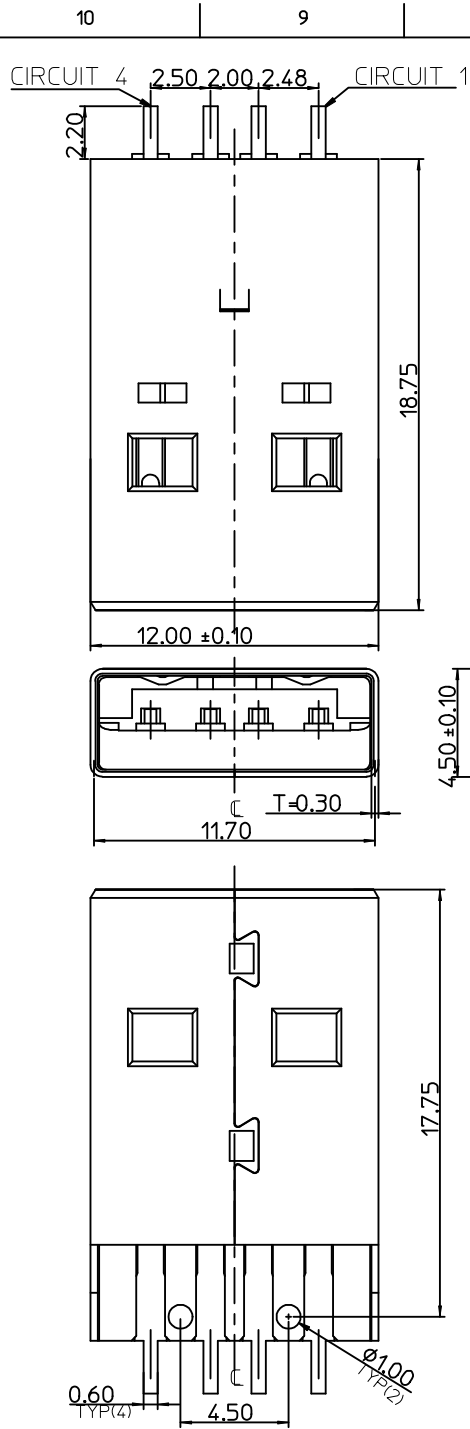
产物环境合规

合规

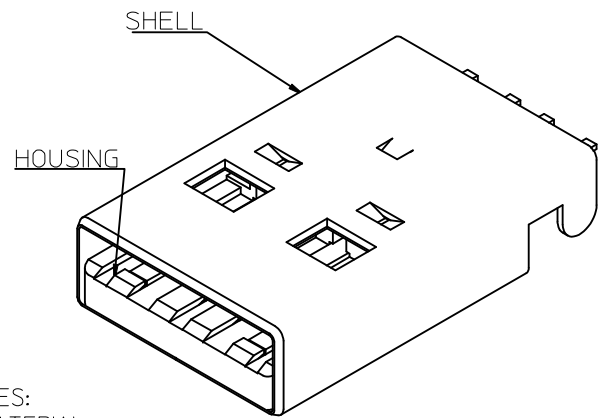
GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

多部分产品合规性声明

- Eu RoHS
- REACH SVHC
- Low-Halogen



RECOMMENDED P.C.B LAYOUT
GENERAL TOLERANCE: ±0.05



- NOTES:
- MATERIAL:
HOUSING: LCP, GLASS FIBER FILLED, UL94V-0, COLOR: BLACK.
TERMINAL: BRASS
METAL SHELL: COLD ROLL STEEL,
 - FINISH:
TERMINAL:
SELECTIVE GOLD(Au) IN CONTACT AREA
THICKNESS=30 MICROINCH MINIMUM.
SELECTIVE TIN(Sn), ALLOY IN SOLDER TAIL AREA
THICKNESS=120 MICROINCH MINIMUM.
UNDER PLATED: NICKEL(Ni), THICKNESS=50 MICROINCH MINIMUM.
METAL SHELL:
NICKEL(Ni). OVERALL
UNDER PLATE: COPPER(Cu), OVERALL
THICKNESS=50 MICROINCH MINIMUM.
 - RECOMMENDED PCB THICKNESS: 1.60 ± 0.05mm
 - PRODUCT SPECIFICATION: REFERS TO PS-48037-001
 - PACKAGE SPECIFICATION REFERS TO PK-48037-210
 - TEST SUMMARY REFERS TO TS-48037-001
 - COPLANARITY TO BE 0.1mm MAX.
 - LEAD FREE AND ROHS COMPLIANCE.
 - DATE CODE: X X X X X
 YEAR WEEK DAY

REVISE EC NO: SH2016-0141 DRWN: YANG05 2015/10/30 CHKD: APPR: RZHANG 2015/11/05 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla = 0$	mm	INCH	MM ONLY	1:1		
	$\nabla = 0$	4 PLACES ± ---	± ---	DRAWN BY	DATE	TITLE	
	$\nabla = 0$	3 PLACES ± ---	± ---	TOM	2005/02/15	USB A TYPE PLUG SMT STR SHELL LEG(3.8MM) (LEAD-FREE VERSION)	
	2 PLACES ± 0.25	± ---	CHECKED BY	DATE			
	1 PLACE ± 0.25	± ---	APPROVED BY	DATE			
			ALLEN	2005/02/15		molex MOLEX INCORPORATED	
			ANGULAR ± 3 °		MATERIAL NO.	DOCUMENT NO.	SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		48037-2200	SD-48037-004	1 OF 1
				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
				A3			

多部分行业合规性文件

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

欧盟 RoHS 合格证书

产品详情

常规

状态	活动
类别	I/O Connectors
系列	48037
说明	Universal Serial Bus (USB) Shielded I/O Plug, Type A, Right-Angle, Surface Mount, Straight Tab 3.80mm, 0.76µm Gold (Au) Plating, PCB Thickness 1.60mm, Tape on Reel Package, Lead-Free
应用	Wire-to-Board
个评论	Straight Tab 3.80mm
元件类型	Plug
产品系列	USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles
产品名称	USB
标准	USB 2.0
类型	A
UPC	822350623230

电气

每触点最大电流	1.5A
屏蔽形式	Full Shield
屏蔽	是
电压 - 最大	150V AC (RMS)

物理

回路数 (已载入)	4
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电路数 (最多)	4
颜色-树脂	黑色
性别	男
插接极性	是
锁定插接部位	是
材料 - 金属	Brass
材料 - 接合部位电镀	金牌
材料 - 终端电镀	Tin
安装方式	Top-Mount
净重	2.020/g
行数	1
方向	Right Angle
包装形式	Embossed Tape on Reel
面板安装式	是
PCB 定位器	是
PCB 保持力	是
推荐的 PCB 厚度	1.60mm
间距 - 插配接口	2.00mm, 2.50mm
间距 - 终端界面	2.00mm, 2.50mm
最薄镀层 - 接合部位	0.762µm
有极性的插配件	是
PCB 极性	是
端口	1
运行温度范围	-20° to +85° C
终端界面类型	Surface Mount
防水/防尘	否

进程

最长持续时间	10
无铅	REFLOW
最大周期	1
最高温度	260

可配插/可连接使用的产品

可配插部件

描述	产品编号
配插使用	USB Type A Receptacle

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