

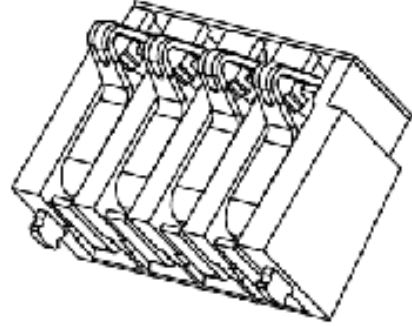
产品编号 : [475070010](#)

Product Description : 2.00mm Pitch Battery Connector with side Fitting Nails, Surface Mount, Contact Width 0.70mm, with Mylar, 4 Circuits, Lead-Free

系列号 : 47507

状态 : Active

Product Category : PCB Headers and Receptacles



文件和资源

图纸


图纸 [475070010_sd.pdf](#)

3D 模型和设计文件

3D模型 [475070010_stp.zip](#)

产物环境合规

合规

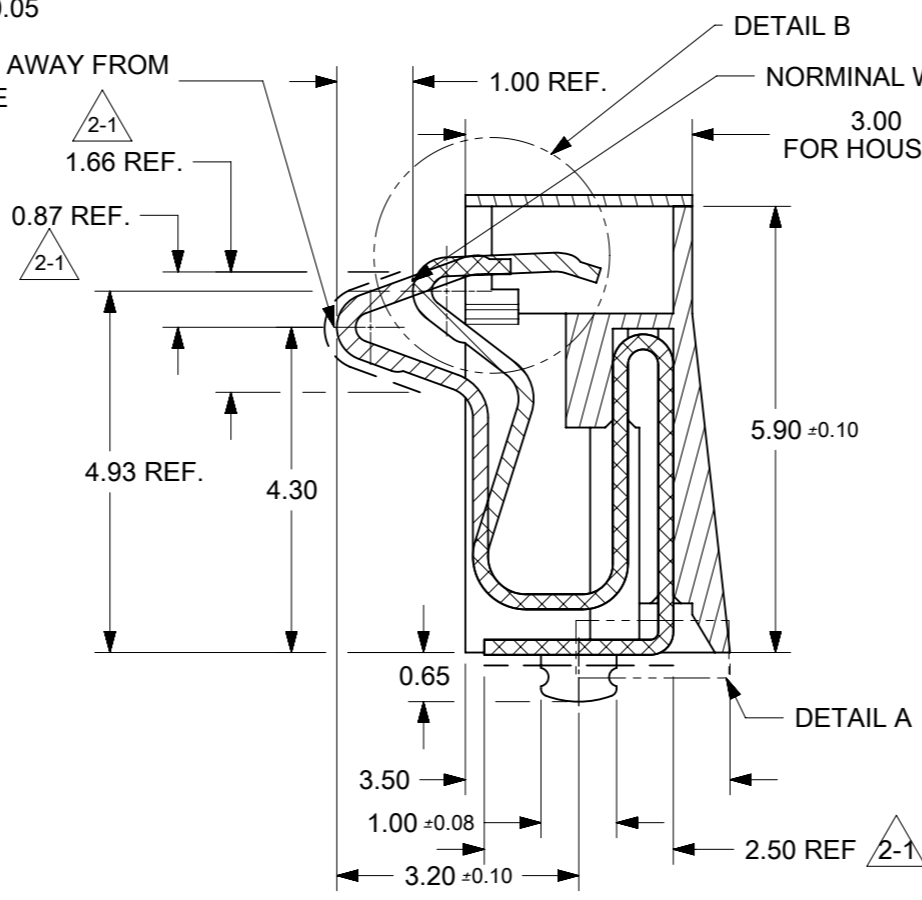
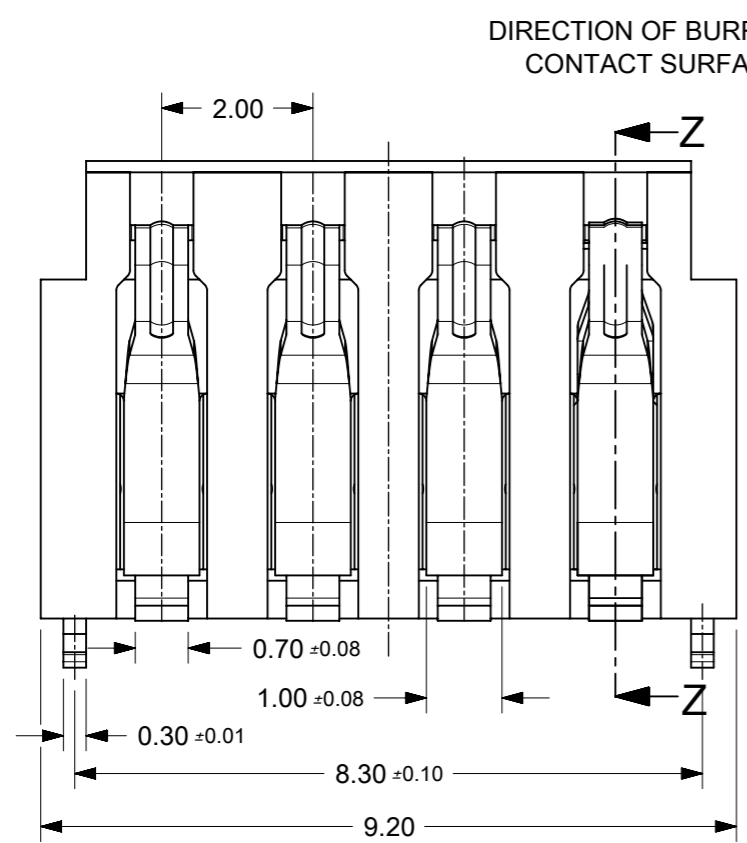
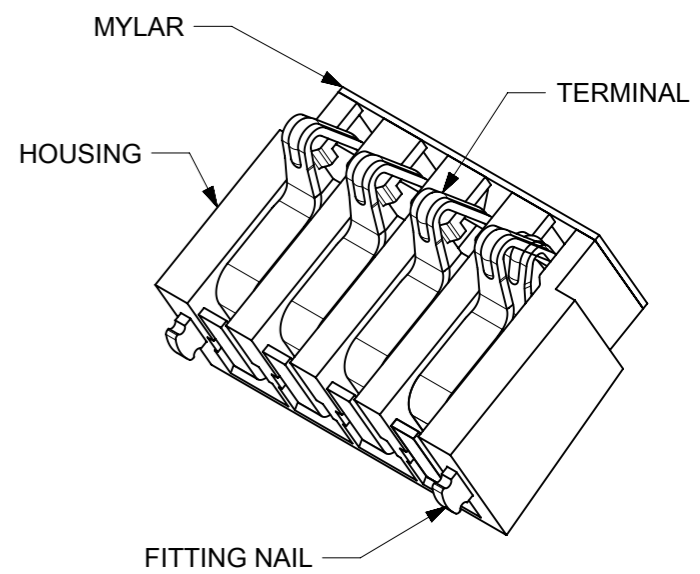
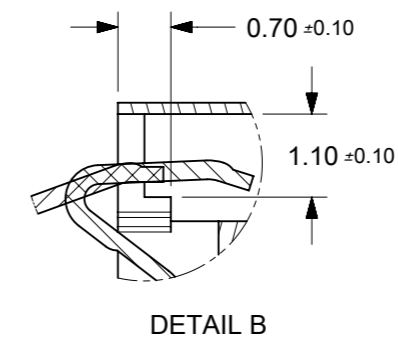
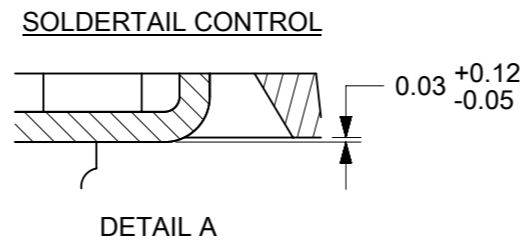
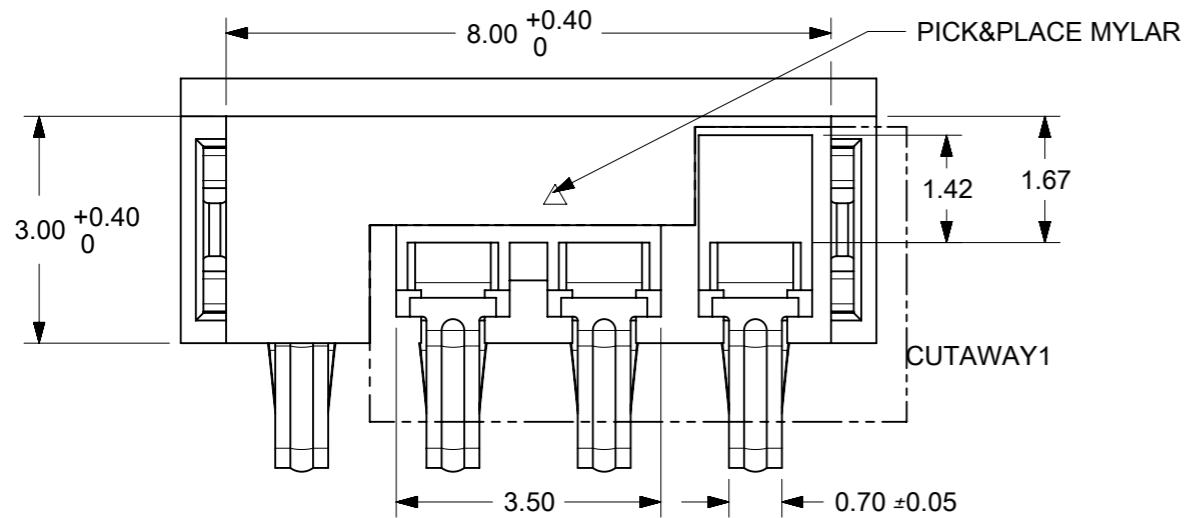
GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

多部分产品合规性声明

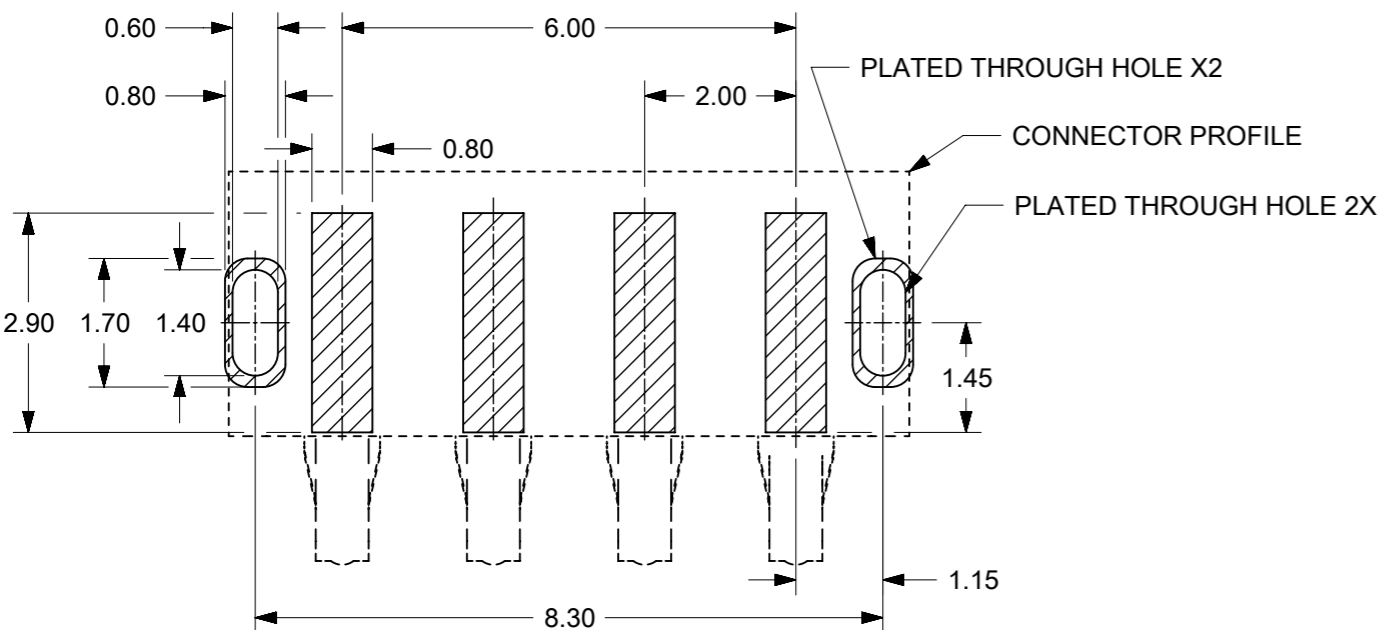
- Eu RoHS
- REACH SVHC
- Low-Halogen

多部分行业合规性文件

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474



- NOTES:
- MATERIAL:
 - 1-1 TERMINAL : BERYLLIUMCOPPER, THICKNESS 0.20MM
 - 1-2 HOUSING : HIGH TEMPERATURE THERMAL PLASTIC
 - 1-3 FITTING NAIL : BRASS, THICKNESS 0.30MM
 - 1-4 MYLAR : THICKNESS 0.15MM
 - FINISH:
 - 2-1 TERMINAL :
 - 50~150 μ " NICKEL UNDER PLATED
 - 30 μ " MIN GOLD PLATING ON CONTACT AREA
 - 3 μ " MIN GOLD FLASH ON SOLDERING AREA
 - 2-2 FITTING NAIL :
 - 50~200 μ " NICKEL UNDER PLATED
 - 100~200 μ " TIN PLATED ON SOLDERING AREA
 - MECHANICAL SPECIFICATION:
 - 3-1 FORCE : 135 \pm 25g/ 0.7mm AWAY FROM HOUSING SURFACE
 - 3-2 MATING CYCLES : 10,000 TIMES
 - ELECTRICAL SPECIFICATION:
 - 4-1 RATED VOLTAGE : 200 VOLTS RMS MAX.
 - 4-2 RATED CURRENT : 1.5 AMPS CONTINUOUS AND 2 AMPS PLUSES
 - 4-3 CONTACT RESISTANCE : 25 MILLIOHMS MAX.
 - ADHIBIT MYLAR AFTER ASSEMBLY PROCESS
 - COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC.



475070010	WITH MYLAR
PART NO.	PART DESCRIPTION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: OBSOLETE PART NO		molex	
DIMENSION UNITS	SCALE	EC NO: 628886			
mm	10:1	DRWN: VLOKESHA 2019/10/28		2.0MM PITCH 4 PINS T/H SIDE CONTACT BATTERY CONN.	
GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: GGA 2020/01/13		PRODUCT CUSTOMER DRAWING	
4 PLACES	\pm	APPR: GGA 2020/01/13		DOCUMENT NUMBER	
3 PLACES	\pm	INITIAL REVISION:		DOC TYPE	
2 PLACES	± 0.15	DRWN: XU XIANG 2006/06/29		DOC PART	
1 PLACE	\pm	APPR: JNCHEN 2007/03/19		REVISION	
0 PLACES	\pm	ANGULAR TOL \pm °		SD-47507-001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	47507	CUSTOMER
					GENERAL MARKET
					SHEET NUMBER
					1 OF 1

产品详情

常规

状态	活动
类别	PCB Headers and Receptacles
系列	47507
说明	2.00mm Pitch Battery Connector with side Fitting Nails, Surface Mount, Contact Width 0.70mm, with Mylar, 4 Circuits, Lead-Free
应用	Board-to-Board, Signal
元件类型	PCB Header
产品系列	Battery Connectors
产品名称	Battery Connector
UPC	883906275037

电气

每触点最大电流	1.5A, 2.0A
电压 - 最大	200V (RMS)

物理

断开	否
回路数 (已载入)	4
电路数 (最多)	4
耐用性(插拔次数) - 最多次数	10000
先接后断	否
符合灼热丝规范	否
可配插产品指南	否
插接极性	无
锁定插接部位	无
材料 - 金属	Beryllium Copper
材料 - 接合部位电镀	金牌
材料 - 终端电镀	金牌
材料 - 树脂	High Temperature Thermoplastic

净重	0.295/g
行数	1
方向	Right Angle
包装形式	Embossed Tape on Reel
PCB 定位器	是
PCB 保持力	是
间距 - 插配接口	2.00mm
间距 - 终端界面	2.00mm
最薄镀层 - 接合部位	0.762 μ m
最薄镀层 - 端接	0.076 μ m
有极性的插配件	是
PCB 极性	是
自动布局	Vacuum Pick-Up Tape
有护墙的	否
可堆叠的	否
运行温度范围	-40° to +85° C
终端界面类型	Surface Mount

进程

最长持续时间	30
无铅	REFLOW
最大周期	1
最高温度	250