



产品编号 : 432550003

Product Description : 6.35mm Pitch MLX Power Connector Header, 2.13mm Contact Diameter, Vertical, with Plastic Polarizing Peg, 2 Circuits, Lead-Free, White

系列号 : 43255

状态 : Active

Product Category : PCB Headers and Receptacles

文件和资源

图纸

图纸 432550003_sd.pdf

包装设计图 PK-43255-003-001.pdf

包装设计图 PK-43255-001-001.pdf

3D 模型和设计文件


3D模型 432550003_stp.zip

规格

产品规格 PSX-42002-0001-001.pdf

产物环境合规

合规

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not 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

- 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	PCB Headers and Receptacles
系列	43255
说明	6.35mm Pitch MLX Power Connector Header, 2.13mm Contact Diameter, Vertical, with Plastic Polarizing Peg, 2 Circuits, Lead-Free, White
应用	Board-to-Board, Power, Wire-to-Board
个评论	High Vibration Application
元件类型	PCB Header
产品系列	MLX Power Connectors
产品名称	MLX
UPC	800753183667

机构

CSA	LR19980
UL	E29179

电气

每触点最大电流	12.0A, 20.0A
电压 - 最大	600V

物理

断开	否
回路数 (已载入)	2
电路数 (最多)	2
颜色-树脂	白色
耐用性(插拔次数) - 最多次数	50

先接后断	否
阻燃性	94V-0
符合灼热丝规范	否
插接极性	是
锁定插接部位	是
材料 - 金属	Phosphor Bronze
材料 - 接合部位电镀	Tin
材料 - 终端电镀	Tin
材料 - 树脂	Polyester
净重	1.568/g
行数	1
方向	垂直
包装形式	Tray
PC 焊脚长度	4.30mm
PCB 定位器	是
PCB 保持力	是
推荐的 PCB 厚度	1.60mm
间距 - 插配接口	6.35mm
间距 - 终端界面	6.35mm
有极性的插配件	是
PCB 极性	是
有护墙的	Fully
可堆叠的	否
运行温度范围	-55° to +105° C
终端界面类型	Through Hole

进程

最长持续时间	10
无铅	WAVE
最高温度	260

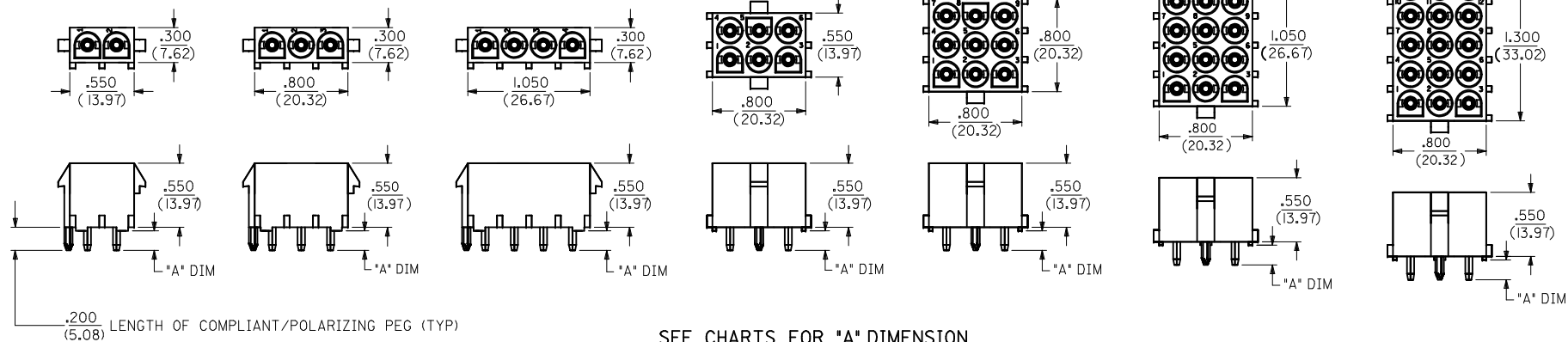
可配插/可连接使用的产品

可配插部件

描述	产品编号
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2.13mm Diameter MLX Power Crimp Housing Plugs	<u>42021</u>
MLX Male Crimp Terminals	<u>42023</u>
MLX Female Crimp Terminals	<u>42024</u>

This document was generated on Jun 03, 2024

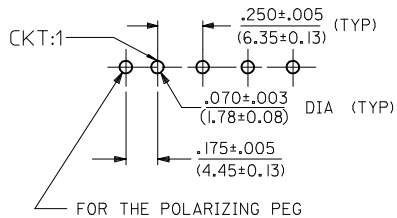


SEE CHARTS FOR "A" DIMENSION

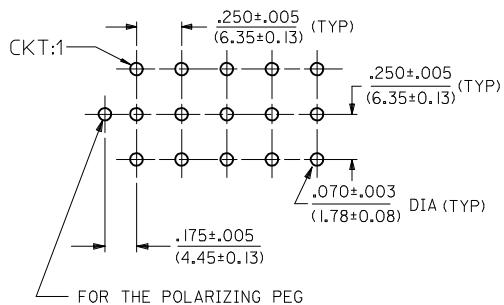
(THE "A" DIMENSION APPLIES TO THE LENGTH OF THE TERMINAL ONLY)

P.C. BOARD MOUNTING DIMENSIONS

2, 3, & 4 POSITION HEADER ASSEMBLIES



6, 9, 12 & 15 POSITION HEADER ASSEMBLIES



NOTES:

- MATERIAL CODES:**
 - *A* = UNREINFORCED POLYESTER (PBT), UL94V-0, COLOR: NATURAL(WHITE)
 - *C* = NYLON (PA66), UL94V-2, COLOUR: NATURAL (TRANSLUCENT)
 - *D* = NYLON (PA66), UL94V-2, COLOUR: BLACK
- PLATING CODES:** A = ES-88-P921
140 Mn(3.5M) MIN 240 Mn(6M) MAX OVERALL TIN HOT-DIPPED
- TERMINAL LENGTH CODES:**
1 = TERMINAL FOR .062(1.57) THICK PC BOARD
- DIMENSIONS ARE FOR REFERENCE ONLY UNLESS INDICATED OTHERWISE**
- HEADER ASSEMBLY HOUSING MATE WITH:**
PLUG HOUSINGS, .084(2.13)DIA, SERIES 42021
- CONTACTS ARE ON .250(6.35) GRID CENTERLINE SPACING**
- REFER PACKAGING SPECIFICATION**
 - PK-43255-001 FOR 2,3 & 4 CIRCUIT
 - PK-43255-003 FOR 6,9,12 & 15 CIRCUIT
 - PK-36518-292 FOR PART# 367660001, 367660002 & 367660003

RoHS COMPLIANT

REMOVED SERIES 36757 EC NO: I2016-0114 DFPN:SS06 CHKO: APPR:ISHMARG REV	DESCRIPTION 2016/05/20 2016/08/30	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
						IN/MM		NTS	INCH		
						DRAWN BY DATE		TITLE		HEADER HOUSING ASSEMBLY .084(2.13) SERIES WITH COMPLIANT-POLARIZING PEG	
						SUDHIR 2004/06/08					
				4 PLACES ± --- ± ---		CHECKED BY DATE				molex	
				3 PLACES ± --- ± 0.010		GJLOWE 2004/06/08					
				2 PLACES ± 0.25 ± 0.014		APPROVED BY DATE				DOCUMENT NO. SDA-43255-00**	
				1 PLACE ± 0.36 ± ---		GJLOWE 2004/06/08					
				0 PLACE ± ±		MATERIAL NO.				SHEET NO. 1 OF 2	
				ANGULAR ±1/2°		SEE CHART					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A2					

ITEM NO.	CIRCUIT SIZE	MATERIAL COLOR (SEE NOTE 1)	PIN (1) OR SOCKET (2) TERMINALS	TERMINAL PLATING (SEE NOTE 2)	TERMINAL LENGTH (SEE NOTE 3)	"A" DIM ±.015
43255-0003	2	A	2	A	1	.17/(4,3)
43255-0059		A	1	A	1	
43255-0113		C	1	A	1	
43255-0115		C	2	A	1	
36759-0021		D	1	A	1	
36759-0061	D	2	A	1		
43255-0011	3	A	2	A	1	.17/(4,3)
43255-0067		A	1	A	1	
43255-0121		C	1	A	1	
43255-0123		C	2	A	1	
36759-0022		D	1	A	1	
36759-0062	D	2	A	1		
43255-0019	4	A	2	A	1	.17/(4,3)
43255-0075		A	1	A	1	
43255-0129		C	1	A	1	
43255-0131		C	2	A	1	
36759-0023		D	1	A	1	
36759-0063	D	2	A	1		
43255-0027	6	A	2	A	1	.17/(4,3)
43255-0083		A	1	A	1	
43255-0137		C	1	A	1	
43255-0139		C	2	A	1	
36759-0024		D	1	A	1	
36759-0064	D	2	A	1		
43255-0035	9	A	2	A	1	.17/(4,3)
43255-0091		A	1	A	1	
43255-0145		C	1	A	1	
43255-0147		C	2	A	1	
36759-0025		D	1	A	1	
36759-0065	D	2	A	1		
43255-0043	12	A	2	A	1	.17/(4,3)
43255-0099		A	1	A	1	
43255-0153		C	1	A	1	
43255-0155		C	2	A	1	
36759-0026		D	1	A	1	
36759-0066	D	2	A	1		
43255-0051	15	A	2	A	1	.17/(4,3)
43255-0107		A	1	A	1	
43255-0161		C	1	A	1	
43255-0163		C	2	A	1	
36759-0027		D	1	A	1	
36759-0067	D	2	A	1		
36766-0001	2	C	1	A	1	.17/(4,3)
36766-0002	3	C	1	A	1	
36766-0003	4	C	1	A	1	

RoHS COMPLIANT

REMOVED SERIES 36757 EC NO: 12016-0114 DRAWING NO: 5 CHKD: APPR: LSHMARG 2016/05/20 2016/08/30	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0 ▽=0	mm	IN/MM	NTS	INCH	TITLE HEADER HOUSING ASSEMBLY .084/(2.13) SERIES WITH COMPLIANT-POLARIZING PEG molex DOCUMENT NO. SDA-43255-00** SHEET NO. 2 OF 2
		4 PLACES ± --- ± ---	DRAWN BY SUDHIR DATE 2004/06/08	DATE		
		3 PLACES ± --- ± 0.010	CHECKED BY G J LOWE DATE 2004/06/08	DATE		
2 PLACES ± 0.25 ± 0.014	APPROVED BY G J LOWE DATE 2004/06/08	DATE				
1 PLACE ± 0.36 ± ---						
0 PLACE ± ±						
	ANGULAR ± 1/2°					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART				
		SIZE 1				