



产品编号：[432550035](#)

系列号：43255

Product Category：PCB Headers and Receptacles

Product Description：6.35mm Pitch MLX Power Connector Header, 2.13mm Contact Diameter, Vertical, with Plastic Polarizing Peg, 9 Circuits, Lead-Free, White

状态：Active

文件和资源

图纸

[图纸 432550035_sd.pdf](#)

[包装设计图 PK-43255-001-001.pdf](#)

[包装设计图 PK-43255-003-001.pdf](#)

3D 模型和设计文件

[3D模型 432550035_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, 9 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	800754365956

机构

CSA	LR19980
UL	E29179

电气

每触点最大电流	20.0A, 9.0A
电压 - 最大	600V

物理

断开	否
回路数（已载入）	9
电路数（最多）	9
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	5.688/g
行数	3
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

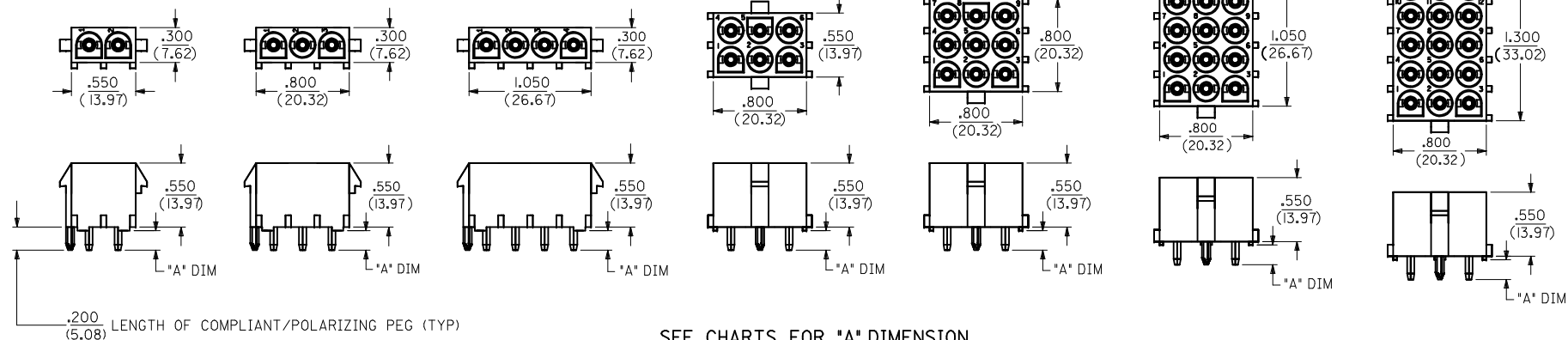
最长持续时间	10
无铅	WAVE
最高温度	260

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>

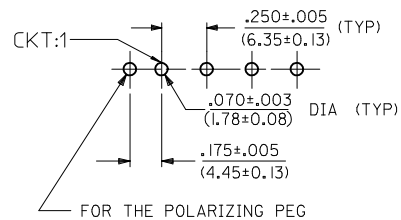


SEE CHARTS FOR "A" DIMENSION

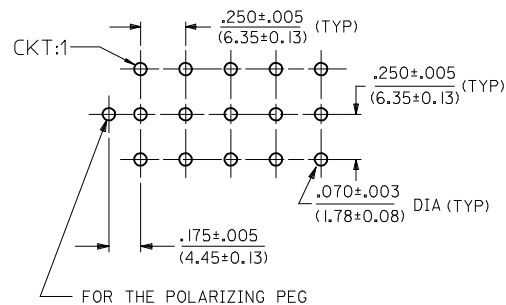
(THE "A" DIMENSION APPLIES TO THE LENGTH OF THE TERMINAL ONLY)

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 Min(3.5μ) MIN 240 Min(6μ) 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: 12016-0114	DRWN:SS06	CHKD:	APPR: ISHWARG	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
							mm	INCH	IN/MM	NTS			
E5	2016/05/20	2016/08/30	REV			4 PLACES ± --- 3 PLACES ± --- 2 PLACES ± 0.25 1 PLACE ± 0.36 0 PLACE ±	± --- ± 0.010 ± 0.014 ± --- ±	± --- ± 0.010 ± 0.014 ± --- ±	DRAWN BY SUDHIR CHECKED BY GJLOWE APPROVED BY GJLOWE DATE 2004/06/08 DATE 2004/06/08 DATE 2004/06/08	DATE	TITLE	HEADER HOUSING ASSEMBLY .084/(2.13) SERIES WITH COMPLIANT-POLARIZING PEG molex	SHEET NO. 1 OF 2

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 DRAWN:SS06 E5	2016/05/20 CHKD: APPR: ISHWARG	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION						
				4 PLACES ± --- ± ---	3 PLACES ± --- ± 0.010	2 PLACES ± 0.25 ± 0.014	1 PLACE ± 0.36 ± ---	0 PLACE ± ±	ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
														DRAWN BY SUDHIR	DATE 2004/06/08	TITLE HEADER HOUSING ASSEMBLY .084/(2.13) SERIES WITH COMPLIANT-POLARIZING PEG
														CHECKED BY GJLOWE	DATE 2004/06/08	DOCUMENT NO. SDA-43255-00**
														APPROVED BY GJLOWE	DATE 2004/06/08	SHEET NO. 2 OF 2