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Part Number: [0432550035](#)
Status: **Active**
Description: 6.35mm (.250) Pitch MLX Power Connector Receptacle, 2.13mm (.084") Contact Diameter, Vertical, with Plastic Polarizing Peg, 9 Circuits, Lead free

Documents:

[3D Model](#) [Product Specification PSX-42002-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Receptacles
Series [43255](#)
Application Wire-to-Board
Comments High Vibration Application
Product Name MLX™

Physical

Circuits (Loaded) 9
Color - Resin White
Durability (mating cycles max) 50
Flammability 94V-2
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
Number of Rows 3
Orientation Vertical
PC Tail Length (in) 0.169 In
PC Tail Length (mm) 4.30 mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Bag
Pitch - Mating Interface (in) 0.250 In
Pitch - Mating Interface (mm) 6.35 mm
Pitch - Term. Interface (in) 0.250 In
Pitch - Term. Interface (mm) 6.35 mm
Polarized to Mating Part Yes
Polarized to PCB Yes
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 13.5A
Voltage - Maximum 600V

Solder Process Data

Duration at Max. Process Temperature (seconds) 10

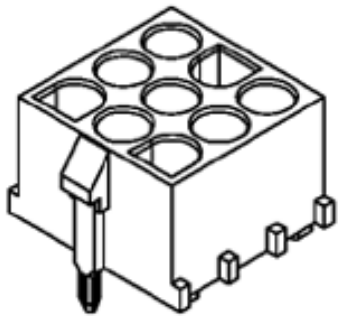


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

China RoHS



Not Reviewed

**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
[43255Series](#)

Mates With
[42021](#) , [42023](#)

Lead-free Process Capability
Process Temperature max. C

Wave Capable (TH only)
260

Material Info

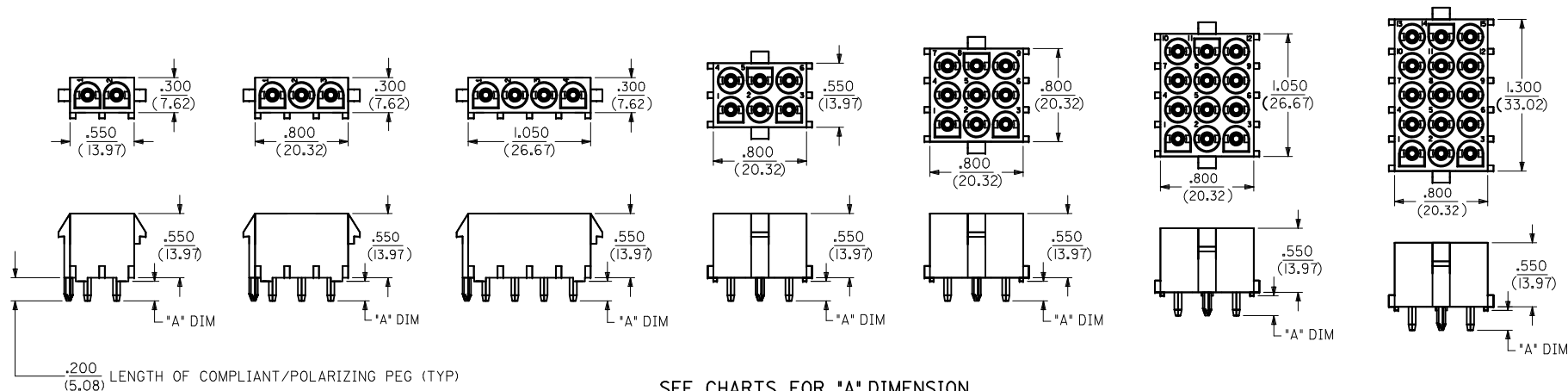
Reference - Drawing Numbers

Product Specification
Sales Drawing

PSX-42002-0001
SDA-43255-00**

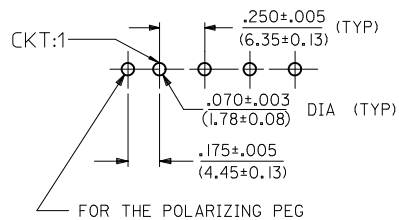
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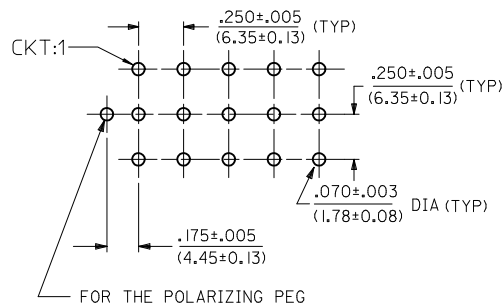


P.C. BOARD MOUNTING DIMENSIONS

2, 3, & 4 POSITION HEADER ASSEMBLIES



6, 9, 12 & 15 POSITION HEADER ASSEMBLIES



NOTES:

1) MATERIAL CODES:

- 'A' = UNREINFORCED POLYESTER, 94V-0. COLOR: WHITE
- 'C' = NYLON (PA66), UL94V-2. COLOR: NATURAL-TRANSLUCENT
- 'D' = NYLON, V-2, COLOUR: BLACK (ZYTEL 101F)
- 'E' = PA6, SCHULAMID V-2 GRADE, CTI=325V, GLOW WIRE COMPATIBLE COLOUR: NATURAL-WHITE

2) PLATING CODES:

- 'A' = TIN 140 m.l.(3.50 MICRONS) TO 240 m.l (6.00 MICRONS)

3) TERMINAL LENGTH CODES:

- I = TERMINAL FOR .062/(1.57) THICK PC BOARD

4) DIMENSIONS ARE FOR REFERENCE ONLY UNLESS INDICATED OTHERWISE.

5) HEADER ASSEMBLY HOUSINGS MATE WITH :

- PLUG HOUSINGS, .084/(2.13) DIA, SERIES: (4202I-**)

6) CONTACTS ARE ON .250/(6.35) GRID CENTERLINE SPACING.

7) PACKAGING SPECIFICATION:

- 'A' - PK-43255-001, PK-43255-002, PK-43255-003
- 'B' - PK-36518-292

RoHS COMPLIANT

ENTER DESCRIPTION EC NO: 12010-0191 DRWN:HMR01 CHKD:KPRASAD APPR:KPRASAD		QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION 2009/12/31 2010/01/05 2010/01/13	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY SUDHIR	DATE 2004/06/08	TITLE HEADER HOUSING ASSEMBLY .084/(2.13) SERIES COMPLIANT-POLARIZING PEG			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					4 PLACES ± --- ± ---		CHECKED BY GJLOWE		DATE 2004/06/08		MOLEX MOLEX INCORPORATED DOCUMENT NO. SDA-43255-00** SHEET NO. 1 OF 2	
					3 PLACES ± --- ± 0.005		DATE					
					2 PLACES ± 0.13 ± 0.01		DATE					
					1 PLACE ± 0.25 ± ---		DATE					
					ANGULAR ±1/2°		APPROVED BY GJLOWE		DATE 2004/06/08			
					MATERIAL NO.		SEE CHART					
					SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
M		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	PACKAGING (SEE NOTE 7)												M
		43255-0003	2	A	2	A		.17/(4,3)	A												
		43255-0059		A	1	A			A												
		43255-0113		C	1	A			A												
		43255-0115		C	2	A			A												
		36759-0021		D	1	A			A												
		36759-0061		D	2	A			A												
L		36757-0021	3	E	1	A			A												L
		36757-0061		E	2	A			A												
		43255-0011		A	2	A		.17/(4,3)	A												
		43255-0067		A	1	A			A												
		43255-0121		C	1	A			A												
		43255-0123		C	2	A			A												
K		36759-0022	4	D	1	A			A												K
		36759-0062		D	2	A			A												
		36757-0022		E	1	A			A												
		36757-0062		E	2	A			A												
		43255-0019		A	2	A		.17/(4,3)	A												
		43255-0075		A	1	A			A												
J		43255-0129	6	C	1	A			A												J
		43255-0131		C	2	A			A												
		36759-0023		D	1	A			A												
		36759-0063		D	2	A			A												
		36757-0023		E	1	A			A												
		36757-0063		E	2	A			A												
I		43255-0027	9	A	2	A		.17/(4,3)	A												I
		43255-0083		A	1	A			A												
		43255-0137		C	1	A			A												
		43255-0139		C	2	A			A												
		36759-0024		D	1	A			A												
		36759-0064		D	2	A			A												
H		36757-0024	12	E	1	A			A												H
		36757-0064		E	2	A			A												
		43255-0035		A	2	A		.17/(4,3)	A												
		43255-0091		A	1	A			A												
		43255-0145		C	1	A			A												
		43255-0147		C	2	A			A												
G		36759-0025	15	D	1	A			A												G
		36759-0065		D	2	A			A												
		36757-0025		E	1	A			A												
		36757-0065		E	2	A			A												
		43255-0043		A	2	A		.17/(4,3)	A												
		43255-0099		A	1	A			A												
F		43255-0153	2	C	1	A			A												F
		43255-0155		C	2	A			A												
		36759-0026		D	1	A			A												
		36759-0066		D	2	A			A												
		36757-0026		E	1	A			A												
		36757-0066		E	2	A			A												
E		43255-0051	3	A	2	A		.17/(4,3)	A												E
		43255-0107		A	1	A			A												
		43255-0161		C	1	A			A												
		43255-0163		C	2	A			A												
		36759-0027		D	1	A			A												
		36759-0067		D	2	A			A												
D		36757-0027	4	E	1	A			A												D
		36757-0067		E	2	A			A												
		36766-0001		C	1	A		.17/(4,3)	B												
		36766-0002		C	1	A			B												
		36766-0003		C	1	A			B												
				C	1	A			B												
C																					C
B																					B
A																					A
b_frame_A1_P_AM.T Rev. E 2006/04/15																					

ENTER DESCRIPTION EC NO: 12010-0951 2009/12/31 DRWN:HM01 CHKD:KPRASAD APPR:KPRASAD 2010/01/05 2010/01/13	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---		DRAWN BY SUDHIR DATE 2004/06/08		TITLE HEADER HOUSING ASSEMBLY .084/(12.13) SERIES COMPLIANT-POLARIZING PEG	MOLEX INCORPORATED	SHEET NO. 2 OF 2	
		3 PLACES ± --- ± 0.005		CHECKED BY DATE					
		2 PLACES ± 0.13 ± 0.01		APPROVED BY DATE					
		1 PLACE ± 0.25 ± ---		GJLOWE 2004/06/08					
		ANGULAR ±1/2°				MATERIAL NO.		DOCUMENT NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

RoHS COMPLIANT

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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