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Part Number: **0432550163**
Status: **Active**
Overview: [mlx](#)
Description: 6.35mm (.250) Pitch MLX Power Connector Receptacle, 2.13mm (.084") Contact Diameter, Vertical, with Plastic Polarizing Peg, 15 Circuits

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

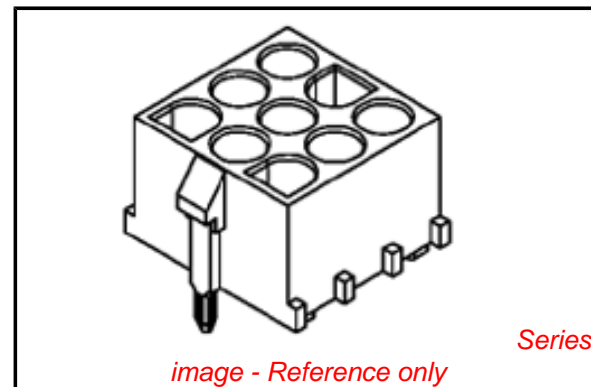
Product Family PCB Receptacles
 Series [43255](#)
 Application Wire-to-Board
 Comments High Vibration Application
 Overview [mlx](#)
 Product Name MLX™

Physical

Circuits (Loaded) 15
 Color - Resin Natural
 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 Nylon
 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 9A
 Voltage - Maximum 600V



EU RoHS **China RoHS**

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

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](#)

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-43255-003

Product Specification

PSX-42002-0001

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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
43255-0057	2	A	2	A	1	.17/(4,3)
43255-0058		A	2	B	1	
43255-0059		B	1	A	1	
43255-0060		B	1	B	1	
43255-0061		A	2	A	2	.23/(5,8)
43255-0062		A	2	B	2	
43255-0063	B	1	A	2		
43255-0064	B	1	B	2		
43255-0065	3	A	2	A	1	.17/(4,3)
43255-0066		A	2	B	1	
43255-0067		B	1	A	1	
43255-0068		B	1	B	1	
43255-0069		A	2	A	2	.23/(5,8)
43255-0070		A	2	B	2	
43255-0071	B	1	A	2		
43255-0072	B	1	B	2		
43255-0073	4	A	2	A	1	.17/(4,3)
43255-0074		A	2	B	1	
43255-0075		B	1	A	1	
43255-0076		B	1	B	1	
43255-0077		A	2	A	2	.23/(5,8)
43255-0078		A	2	B	2	
43255-0079	B	1	A	2		
43255-0080	B	1	B	2		
43255-0081	6	A	2	A	1	.17/(4,3)
43255-0082		A	2	B	1	
43255-0083		B	1	A	1	
43255-0084		B	1	B	1	
43255-0085		A	2	A	2	.23/(5,8)
43255-0086		A	2	B	2	
43255-0087	B	1	A	2		
43255-0088	B	1	B	2		
43255-0089	9	A	2	A	1	.17/(4,3)
43255-0090		A	2	B	1	
43255-0091		B	1	A	1	
43255-0092		B	1	B	1	
43255-0093		A	2	A	2	.23/(5,8)
43255-0094		A	2	B	2	
43255-0095	B	1	A	2		
43255-0096	B	1	B	2		
43255-0097	12	A	2	A	1	.17/(4,3)
43255-0098		A	2	B	1	
43255-0099		B	1	A	1	
43255-0100		B	1	B	1	
43255-0101		A	2	A	2	.23/(5,8)
43255-0102		A	2	B	2	
43255-0103	B	1	A	2		
43255-0104	B	1	B	2		
43255-0105	15	A	2	A	1	.17/(4,3)
43255-0106		A	2	B	1	
43255-0107		B	1	A	1	
43255-0108		B	1	B	1	
43255-0109		A	2	A	2	.23/(5,8)
43255-0110		A	2	B	2	
43255-0111	B	1	A	2		
43255-0112	B	1	B	2		

RoHS COMPLIANT

EC No. 2007-0146 DRAWN BY DRINJANG 2006/11/03 CHECKED BY CHIKOSUDHIR 2006/11/03 APPROVED BY APPR:SSUDHIR 2006/11/03 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±---	IN/MM	---	INCH	
	▽=0	ANGULAR ±---°	DRAWN BY SSUDHIR 2004/06/08	DATE	TITLE	HEADER HOUSING ASSEMBLY 0.84/(2,13) DIA. SERIES COMPLIANT-POLARIZING PEG
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY GJLOWE 2004/06/08	DATE	MATERIAL NO.	DOCUMENT NO.
			SEE CHART	SIZE A 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	