

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0432550168

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](#)

[Drawing \(PDF\)](#)

[Product Specification PSX-42002-0002 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR19980
UL	E29179

General

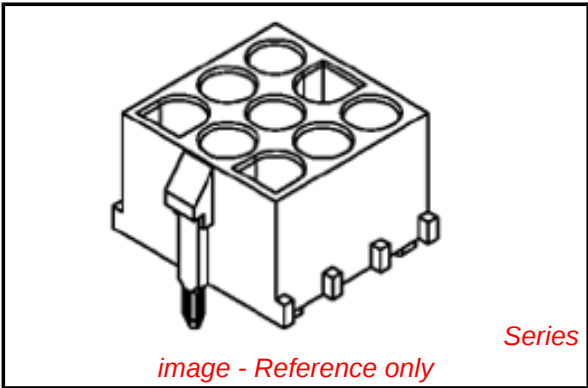
Product Family	PCB Receptacles
Series	43255
Application	Wire-to-Board
Comments	High Vibration Application
Overview	mlx
Product Name	MLX™

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	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	3
Orientation	Vertical
PC Tail Length (in)	0.228 In
PC Tail Length (mm)	5.80 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

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



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

Product Specification

PSX-42002-0002

This document was generated on 05/21/2010

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	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
	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													
M	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	↓													
L	43255-0063	3	B	1	A	2	↓													
	43255-0064		B	1	B	2	↓													
	43255-0065		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	↓													
K	43255-0069	4	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		A	2	A	1	.17/(4,3)													
	43255-0074		A	2	B	1	↓													
J	43255-0075	6	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	↓													
I	43255-0081	9	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	12	B	1	A	2	↓													
	43255-0088		B	1	B	2	↓													
	43255-0089		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	↓													
H	43255-0093	15	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		A	2	A	1	.17/(4,3)													
	43255-0098		A	2	B	1	↓													
G	43255-0099	15	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	↓													
F	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	↓													
E	43255-0111	15	B	1	A	2	↓													
	43255-0112		B	1	B	2	↓													

RoHS COMPLIANT

EC NO: D2007-0146
DRAWN BY: CHOKSUDHIR
CHKD BY: SSUDHIR
APP: SSUDHIR

2006/11/03
2006/11/03
2006/11/03

QUALITY SYMBOLS

▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---

ANGULAR ±---°

DIMENSION STYLE

IN/MM

DRAWN BY	DATE
SSUDHIR	2004/06/08
CHECKED BY	DATE
GJLOWE	2004/06/08
APPROVED BY	DATE
GJLOWE	2004/06/08

SCALE

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

HEADER HOUSING ASSEMBLY

0.84/(2.13) DIA. SERIES

COMPLIANT-POLARIZING PEG

MATERIAL NO.

SEE CHART

DOCUMENT NO.

SDA-43255-00**

SHEET NO.

3 OF 4

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SIZE

A1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

Rev. D 2004/04/02

19

18

17

16

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