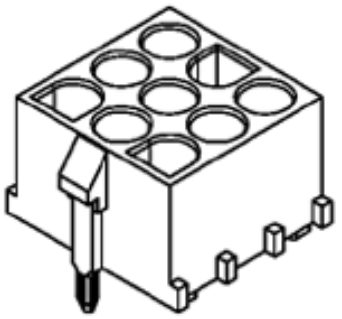
This document was generated on 04/20/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0432550131

Status: Active

Description: 6.35mm (.250) Pitch MLX Power Connector Receptacle, 2.13mm (.084") Contact Diameter, Vertical, with Plastic Polarizing Peg, 4 Circuits, Lead free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PSX-42002-0001 (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)	4
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	1
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

Material Info

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
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

This document was generated on 04/20/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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: 12007-0146 2006/11/03
DRWN:JAYENGG 2006/11/03
CHKD:SSUDHIR 2006/11/03
APPR:SSUDHIR
DESCRIPTION

REV: E1

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

ANGULAR ±---°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

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

TITLE: HEADER HOUSING ASSEMBLY 0.84/(2.13) DIA. SERIES COMPLIANT-POLARIZING PEG

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-43255-00**
SHEET NO.: 3 OF 4
SIZE: A1

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