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Part Number:

0365380004

Status:

Active

Overview:

mlx

Description:

6.35mm (.250") Pitch MLX™ Power Connector Header, Vertical, with Compliant Polarizing Peg, 3 Circuits, Unreinforced Polyester 94V-0, White

Documents:

3D Model

Drawing (PDF)

Product Specification PSX-42002-0001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Overview

Product Name

PCB Headers

36538

Wire-to-Board

mlx

MLX™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Circuits Detail

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Resin

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

3

3

With Compliant Polarizing Peg

Natural

50

No

No

No

No

None

Yes

Phosphor Bronze

Tin-Lead

Polyester

1

Vertical

Yes

Yes

0.062 In

1.57 mm

Bag

0.250 In

6.35 mm

0.250 In

6.35 mm

20

0.51

Yes

Yes

Fully

No

No

-55°C to +105°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

12A

600V

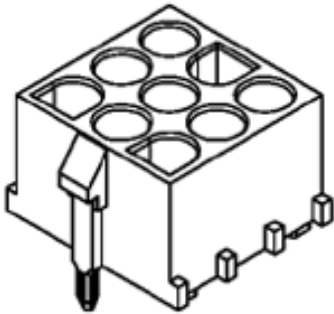


image - Reference only

Series

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

36538Series

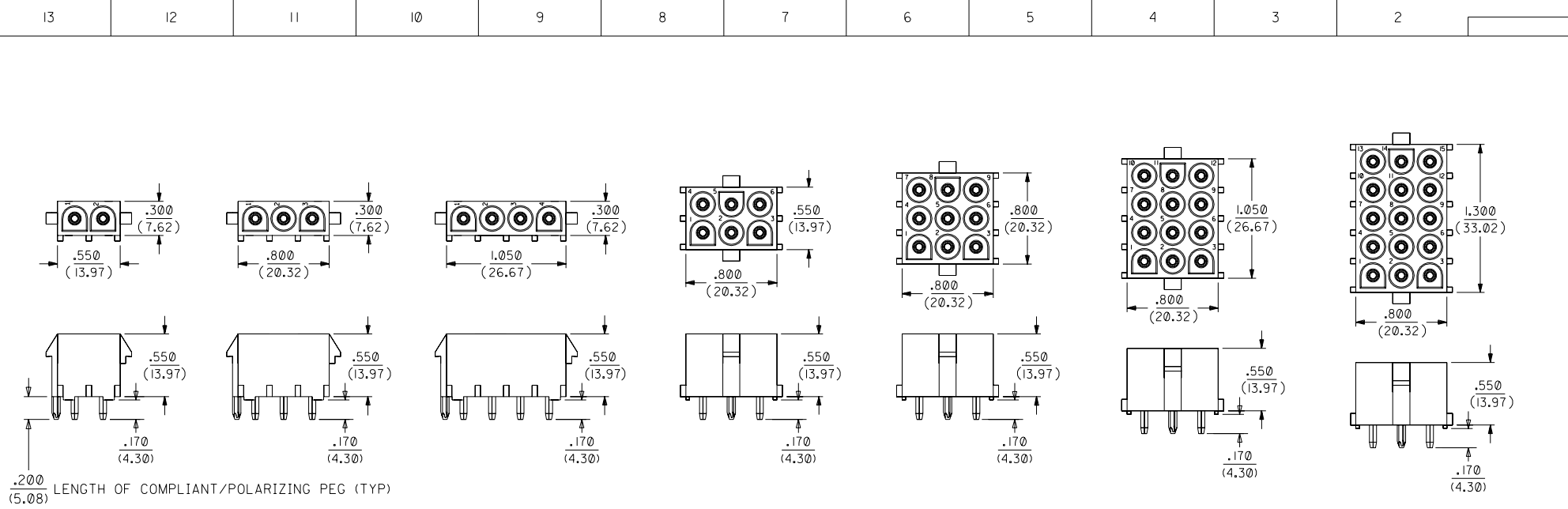
Material Info

Reference - Drawing Numbers

Product Specification	PSX-42002-0001
Sales Drawing	SD-36538-001

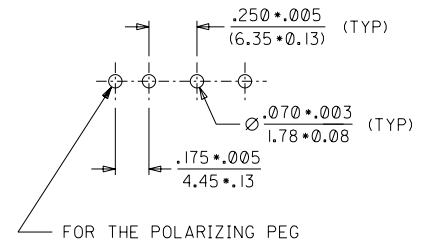
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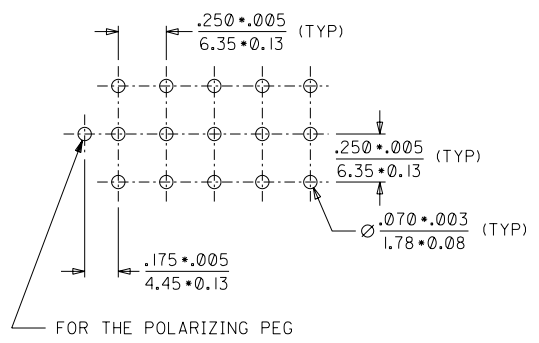


P.C. BOARD
MOUNTING DIMENSIONS

2, 3 & 4 POSITION HEADER ASSEMBLIES



6, 9, 12 & 15 POSITION HEADER ASSEMBLY



NOTES:

- 1) MATERIAL CODES:
HOUSING :
*A= UNREINFORCED POLYESTER, 94V-0.
COLOR: WHITE
*B= UNREINFORCED POLYESTER, 94V-0.
COLOR: BRICK RED
*C= NYLON (PA66), UL94V-2
COLOR: WHITE, TRANSLUCENT
TERMINAL : PHOSPHOR BRONZE
- 2) FINISH:
TIN-LEAD 20 MICROINCH (0.51 MICRONS) MINIMUM
- 3) TERMINAL LENGTH IS SUITABLE FOR .062/(1.57) THICK P.C BOARD
- 4) DIMENSIONS ARE FOR REFERENCE ONLY UNLESS INDICATED OTHERWISE.
- 5) HEADER ASSEMBLY HOUSINGS MATE WITH :
- PLUG HOUSINGS, .084/(2.13) DIA. SERIES: (42021-**)
- 6) CONTACTS ARE ON .250/(6.35) GRID CENTERLINE SPACING.

EC NO. I 2003-0027		QUALITY SYMBOLS		GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 1.5:1		DESIGN UNITS		DIMENSIONS:		SHT		REV	
A1		MAJOR		mm		INCH		mm		mm		mm		mm	
A1		CRITICAL		4 PLACES ±0.		±.		3 PLACES ±0.		±.010		2 PLACES ±0.25		±.014	
A1		C		1 PLACE ±0.36		±.		ANGULAR: ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE C	
A1		REV		DESCRIPTION		DRAWN BY & DATE		CHECKED BY & DATE		APPROVED BY & DATE		CAD FILENAME		MATERIAL NO.	
A1		REV		DESCRIPTION		S.S		G.L		G.L		SD-36538-001.S01		SEE SHEET2	
A1		REV		DESCRIPTION		TITLE:		DRAWING NO.		SHEET NO.		SD-36538-001		1 OF 2	
A1		REV		DESCRIPTION		MOLEX INCORPORATED		MATERIAL NO.		DRAWING NO.		SD-36538-001		1 OF 2	
A1		REV		DESCRIPTION		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE C							

	13	12	11	10	9	8	7	6	5	4	3	2											
J	ITEM NO.	CIRCUIT SIZE	MATERIAL COLOR (SEE NOTE 1)											J									
	36538-0001	2	A																				
	36538-0002		B																				
	36538-0003		C																				
I	36538-0004	3	A																				
	36538-0005		B																				
	36538-0006		C																				
	36538-0007	9	A																				
36538-0008	B																						
36538-0009	C																						
36538-0010	A																						
H	36538-0011	4	B																				
	36538-0012		C																				
	36538-0013		A																				
	36538-0014	6	B																				
36538-0015	C																						
36538-0016	A																						
G	36538-0017	15	B																				
	36538-0018		C																				
	36538-0019		A																				
	36538-0020	12	B																				
36538-0021	C																						
F														F									
E														E									
D														D									
C														C									
B														B									
A														A									
LBORD.DGN REV A 96/06/12 LEVEL 5				12	11	10	9	8	7	6	5	4	3	2	1								
EC NO. I 2003-0027 DRWNS.S 20/01/03 CHK: G.L. 20/01/03 APPR: G.L. 20/01/03				DESCRIPTION		QUALITY SYMBOLS MAJOR = CRITICAL =		GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE		DESIGN UNITS ☐ mm ☒ INCH		THIRD ANGLE PROJECTION		DIMENSIONS: ☐ mm ☒ INCH ☐ mm ONLY		SHT		REV			
A1				REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		4 PLACES ±0. mm ±. INCH		DRAWN BY & DATE S.S. 01/09/28		CHECKED BY & DATE G.L. 01/09/28		APPROVED BY & DATE G.L. 01/09/28		TITLE: HEADER HOUSING ASSEMBLIES .084/(2,13) SERIES WITH COMPLIANT/POLARIZING PEG		MATERIAL NO. SEE CHART		DRAWING NO. SD-36538-001		SHEET NO. 2 OF 2	
								ANGULAR: ± 1/2°		CAD FILENAME SD-36538-001.S02		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE C									