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Part Number:

0365380010

Status:

Active

Overview:

[mlx](#)

Description:

6.35mm (.250") Pitch MLX™ Power Connector Header, Vertical, with Compliant Polarizing Peg, 4 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

PCB Headers

Series

36538

Application

Wire-to-Board

Overview

[mlx](#)

Product Name

MLX™

Physical

Breakaway

No

Circuits (Loaded)

4

Circuits (maximum)

4

Circuits Detail

With Compliant Polarizing Peg

Color - Resin

Natural

Durability (mating cycles max)

50

First Mate / Last Break

No

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin-Lead

Material - Resin

Polyester

Number of Rows

1

Orientation

Vertical

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness Recommended (in)

0.062 In

PCB Thickness Recommended (mm)

1.57 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

Plating min: Mating (µin)

20

Plating min: Mating (µm)

0.51

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Fully

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

12A

Voltage - Maximum

600V

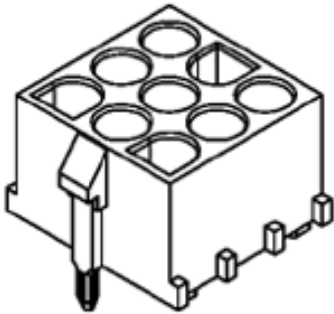


image - Reference only

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

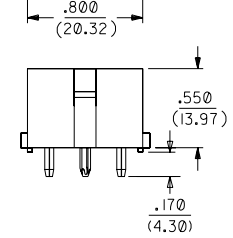
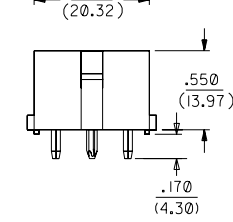
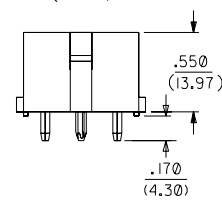
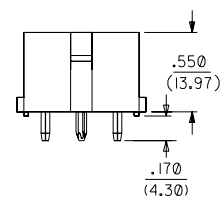
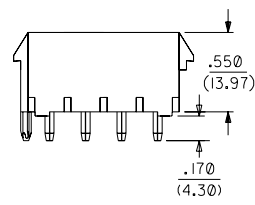
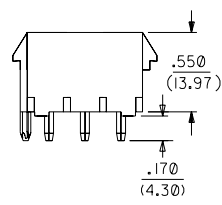
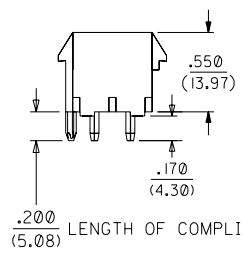
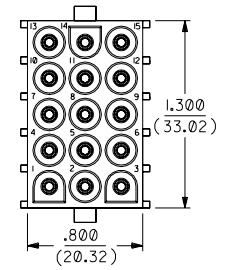
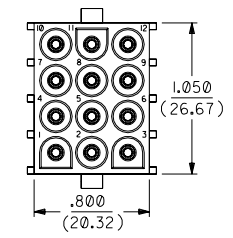
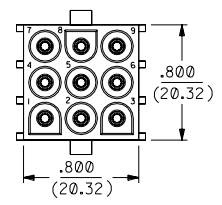
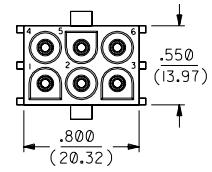
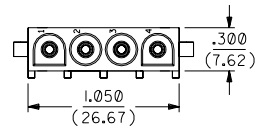
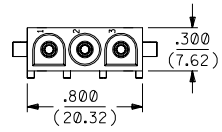
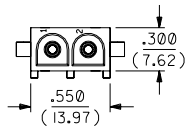
Material Info

Reference - Drawing Numbers

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

This document was generated on 05/24/2010

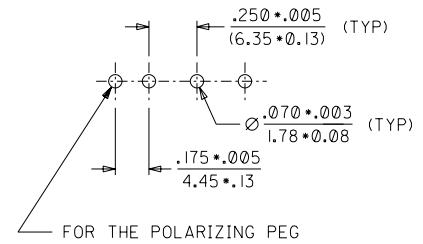
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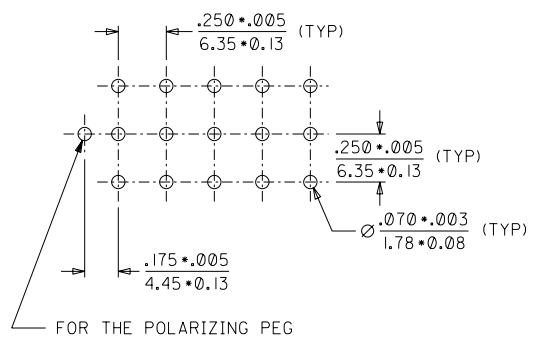
LENGTH OF COMPLIANT/POLARIZING PEG (TYP)

P.C. BOARD MOUNTING DIMENSIONS

2, 3 & 4 POSITION HEADER ASSEMBLIES



6, 9, 12 & 15 POSITION HEADER ASSEMBLY



NOTES:

- 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
- FINISH:
TIN-LEAD 20 MICROINCH (0.51 MICRONS) MINIMUM
- TERMINAL LENGTH IS SUITABLE FOR .062/(1.57) THICK P.C BOARD
- DIMENSIONS ARE FOR REFERENCE ONLY UNLESS INDICATED OTHERWISE.
- HEADER ASSEMBLY HOUSINGS MATE WITH :
- PLUG HOUSINGS, .084/(2.13) DIA. SERIES: (42021-**)
- CONTACTS ARE ON .250/(6.35) GRID CENTERLINE SPACING.

EC NO.1 2003-0027 A1 DRW: S.S. CHK: G.L. APP: G.L.			DESCRIPTION REV	QUALITY SYMBOLS MAJOR = CRITICAL =	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 1.5:1	DESIGN UNITS ☐ mm ☒ INCH		THIRD ANGLE PROJECTION	DIMENSIONS: ☐ mm ☒ INCH ☐ mm ONLY			SHT	REV			
															REVISE ON CAD ONLY			
					4 PLACES	±0.	±.	DRAWN BY & DATE S.S. 01/09/28		TITLE: HEADER HOUSING ASSEMBLIES .084/(2.13) SERIES WITH COMPLIANT/POLARISING PEG								
					3 PLACES	±0.	±.010	CHECKED BY & DATE G.L. 01/09/28										
					2 PLACES	±0.25	±.014	APPROVED BY & DATE G.L. 01/09/28		 MOLEX INCORPORATED								
					1 PLACE	±0.36	±.	CAD FILENAME SD-36538-001.S01								MATERIAL NO. SEE SHEET2		DRAWING NO. SD-36538-001
					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	

	I3	I2	I1	I0	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														
	36538-0004	3	A														
	36538-0005		B														
	36538-0006		C														
I	36538-0007	9	A											I			
	36538-0008		B														
	36538-0009		C														
	36538-0010		A														
	36538-0011	4	B														
	36538-0012		C														
	36538-0013		A														
H	36538-0014	6	B											H			
	36538-0015		C														
	36538-0016		A														
	36538-0017	15	B														
	36538-0018		C														
	36538-0019		A														
G	36538-0020	12	B											G			
	36538-0021		C														
F														F			
E														E			
D														D			
C														C			
B														B			
A														A			
				EC NO.I 2003-0027 DRWNS.S 20/01/03 CHK: G.L 20/01/03 APPR:G.L 20/01/03		QUALITY SYMBOLS MAJOR = CRITICAL C =		GENERAL TOLERANCES: (UNLESS SPECIFIED) mm INCH 4 PLACES ±0. ±. 3 PLACES ±0. ±. 010 2 PLACES ±0.25 ±. 014 1 PLACE ±0.36 ±. ANGULAR: ± 1/2°		SCALE DESIGN UNITS ☐ 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		THIRD ANGLE PROJECTION ☐ mm ☒ inch ☐ mm ONLY		DIMENSIONS: ☐ mm ☒ inch ☐ mm ONLY		SHT REV REVISE ON CAD ONLY	
				REV DESCRIPTION		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CAD FILENAME SD-36538-001.S02		MATERIAL NO. SEE CHART		DRAWING NO. SD-36538-001		SHEET NO. 2 OF 2		SIZE C	
LBORD.DGN REV A 96/06/12 LEVEL 5				I2	I1	I0	9	8	7	6	5	4	3	2	I		

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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
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