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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

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

4

4

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

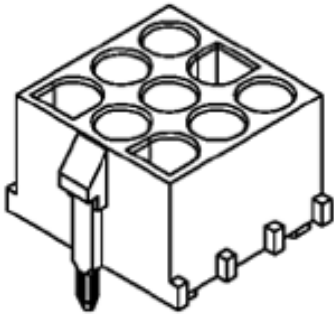


image - Reference only

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

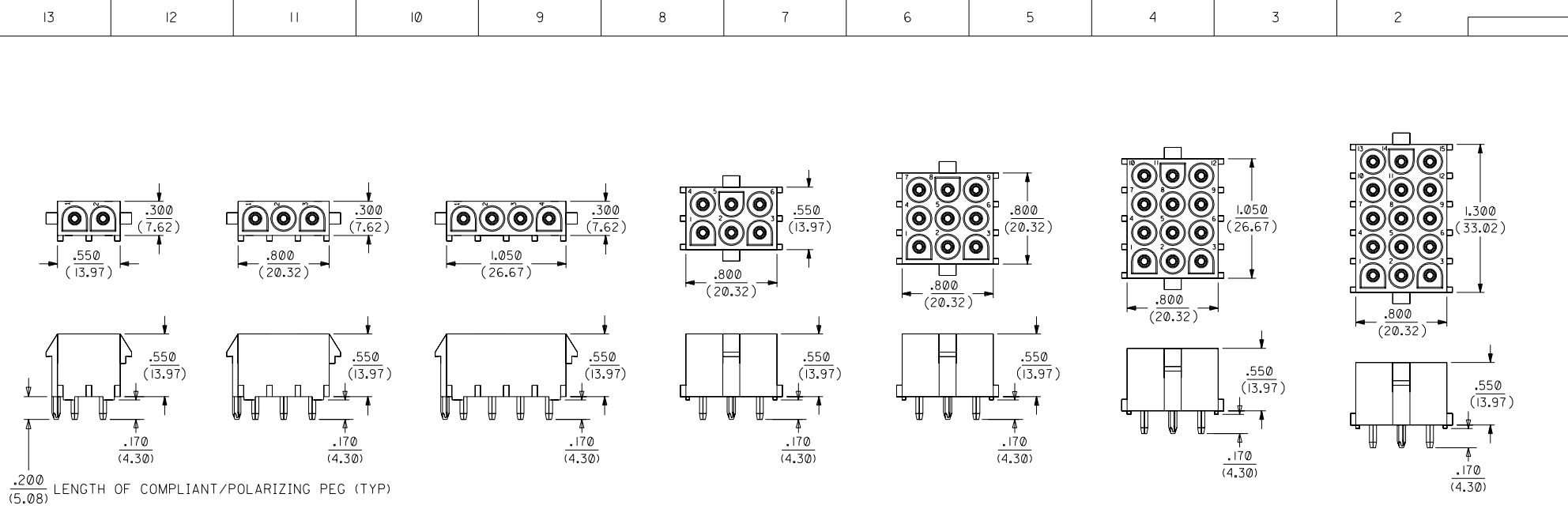
Material Info

Reference - Drawing Numbers

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

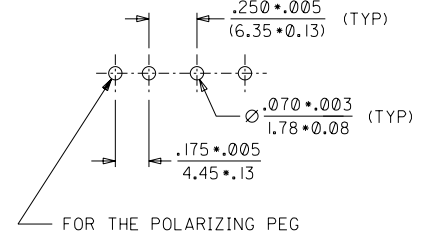
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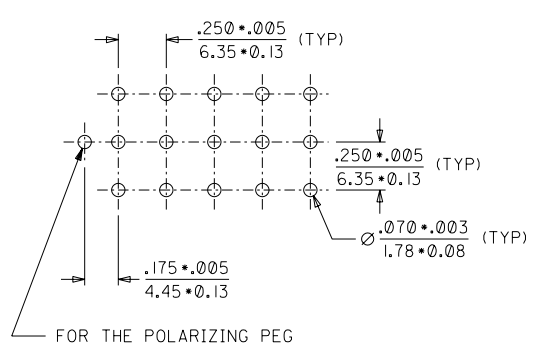


P.C. BOARD
MOUNTING DIMENSIONS

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 DRW: S.S. 20/01/03 CHK: G.L. 20/01/03 APP: G.L. 20/01/03		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					
A1					☐ mm ☐ INCH	DRAWN BY & DATE S.S. 01/09/28	TITLE: HEADER HOUSING ASSEMBLIES .084/(2.13) SERIES WITH COMPLIANT/POLARISING PEG									
				4 PLACES	±0.	±.							CHECKED BY & DATE G.L. 01/09/28			
				3 PLACES	±0.	±. 0.10	APPROVED BY & DATE G.L. 01/09/28	 MOLEX INCORPORATED								
				2 PLACES	±0.25	±. 0.14	CAD FILENAME SD-36538-001.S01							MATERIAL NO. SEE SHEET2	DRAWING NO. SD-36538-001	SHEET NO. 1 OF 2
				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				

	I3	I2	I1	I0	9	8	7	6	5	4	3	2																															
J	ITEM NO.	CIRCUIT SIZE	MATERIAL COLOR (SEE NOTE 1)											J																													
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	36538-0002		B																																								
	36538-0003		C																																								
	36538-0004	3	A																																								
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	mm	INCH																																									
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3 PLACES	±0.	±. 010																																									
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LBORD.DGN REV A 96/06/12 LEVEL 5				I2		I1		I0		9		8		7		6		5		4		3		2		I																	

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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