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Part Number:

0365380001

Status:

Active

Overview:

[mlx](#)

Description:

6.35mm (.250") Pitch MLX™ Power Connector Header, Vertical, with Compliant Polarizing Peg, 2 Circuits, Unreinforced Polyester 94V-0, White, Lead-free

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)

2

Circuits (maximum)

2

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

Material - Resin

Polyester

Number of Rows

1

Orientation

Vertical

PC Tail Length (in)

0.170 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)

1.57 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

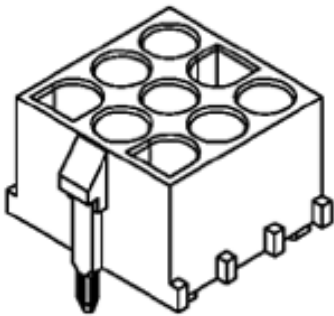


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

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.

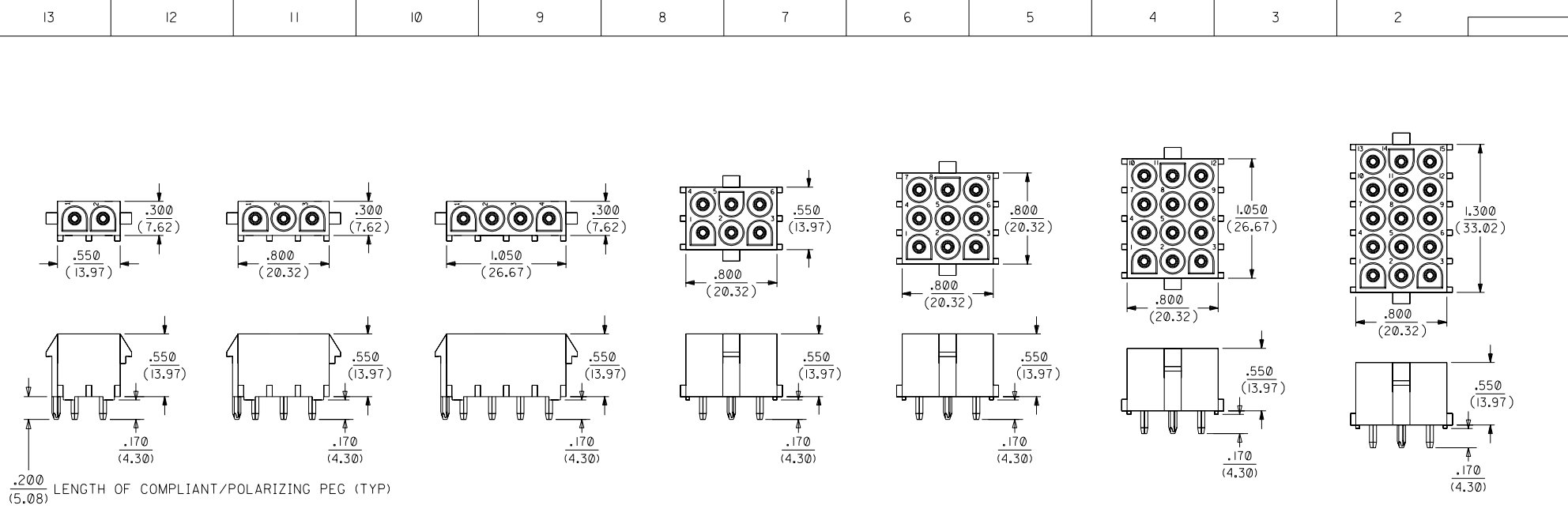
Search Parts in this Series

36538Series

Current - Maximum per Contact	12A
Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Product Specification	PSX-42002-0001
Sales Drawing	SD-36538-001

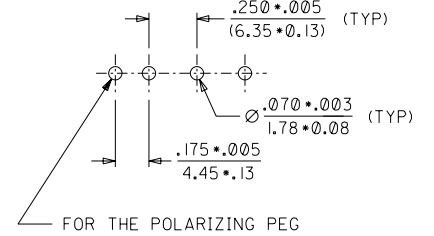
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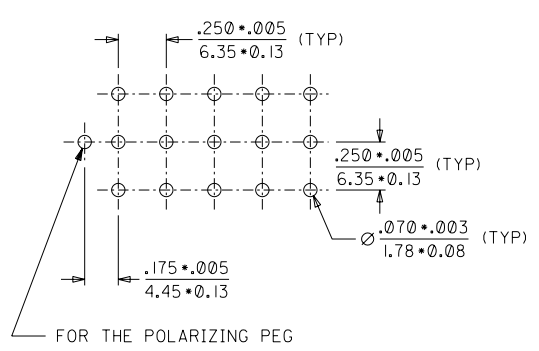


P.C. BOARD
MOUNTING DIMENSIONS

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 ☐ mm ☒ INCH		THIRD ANGLE PROJECTION		DIMENSIONS: ☐ mm ☒ INCH ☐ mm ONLY		SHT REV			
DRAWNS.S 20/01/03 CHK: G.L 20/01/03 APPR: G.L 20/01/03				MAJOR =		☐ mm ☐ INCH		DRAWN BY & DATE S.S 01/09/28		TITLE:		HEADER HOUSING ASSEMBLIES .084/(2.13) SERIES WITH COMPLIANT/POLARISING PEG		REVISE ON CAD ONLY					
A1 REV				CRITICAL =		4 PLACES ±0. ±.		CHECKED BY & DATE G.L 01/09/28		MOLEX INCORPORATED		MATERIAL NO. SEE SHEET 2		DRAWING NO. SD-36538-001		SHEET NO. 1 OF 2			
				3 PLACES ±0. ±. 0.10		APPROVED BY & DATE G.L 01/09/28													
				2 PLACES ±0.25 ±. 0.14															
				1 PLACE ±0.36 ±.		CAD FILENAME SD-36538-001.S01													
				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 I)											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											
G	36538-0016	15	A											
	36538-0017		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		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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