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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

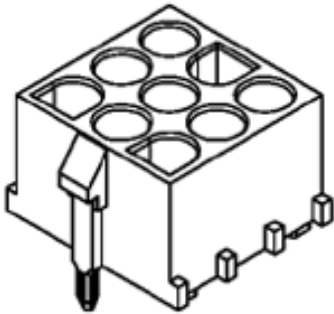


image - Reference only

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

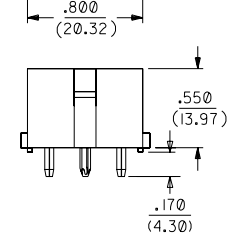
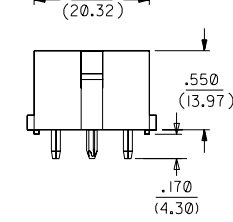
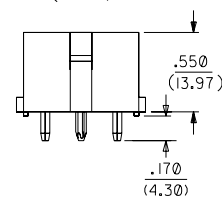
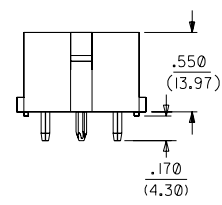
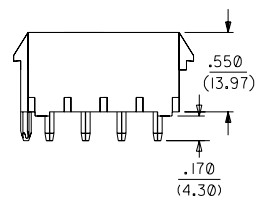
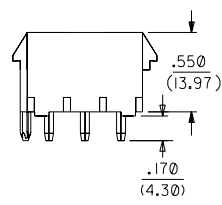
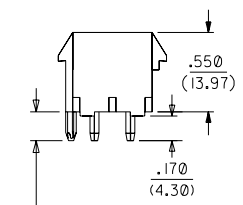
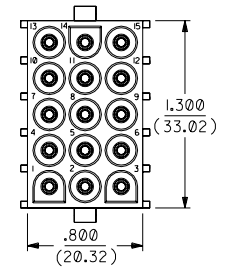
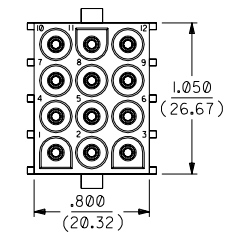
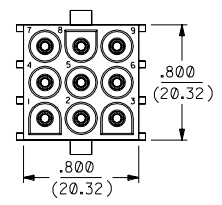
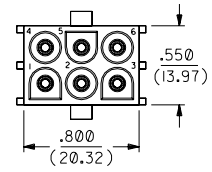
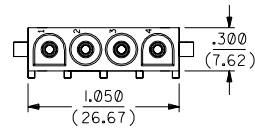
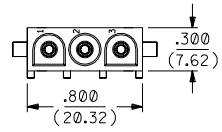
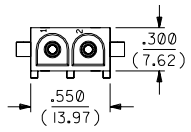
Material Info

Reference - Drawing Numbers

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

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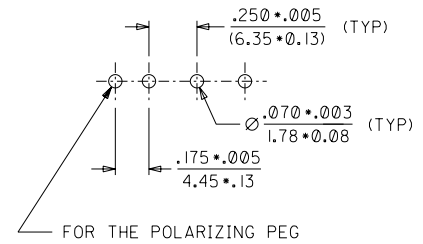
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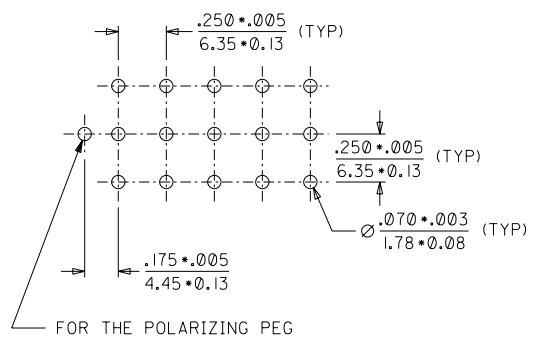
.200 (5.08) LENGTH OF COMPLIANT/POLARIZING PEG (TYP)

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. I 2003-0027		DESCRIPTION	QUALITY SYMBOLS MAJOR = CRITICAL C =	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 1.5:1	DESIGN UNITS ☐ mm ☒ INCH	 THIRD ANGLE PROJECTION	DIMENSIONS: ☐ mm ☒ INCH ☐ mm ONLY		SHT	REV		
DRWNS.S 20/01/03	CHK: G.L 20/01/03			APPR:G.L 20/01/03							REVISE ON CAD ONLY			
A1	REV			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
		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																																	
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	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																																	
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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 =	GENERAL TOLERANCES: (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±0.</td><td>±.</td></tr><tr><td>3 PLACES</td><td>±0.</td><td>±. 010</td></tr><tr><td>2 PLACES</td><td>±0.25</td><td>±. 014</td></tr><tr><td>1 PLACE</td><td>±0.36</td><td>±.</td></tr><tr><td colspan="3">ANGULAR: ± 1/2°</td></tr></table>		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 CAD FILENAME SD-36538-001.S02 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION TITLE: HEADER HOUSING ASSEMBLIES .084/(2,13) SERIES WITH COMPLIANT/POLARIZING PEG MOLEX INCORPORATED MATERIAL NO. SEE CHART DRAWING NO. SD-36538-001 SHEET NO. 2 OF 2 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	DIMENSIONS: ☐mm ☒INCH ☐mm ONLY SHT REV REVISE ON CAD ONLY SIZE C
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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																								



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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