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Part Number:

0365380013

Status:

Active

Overview:

mlx

Description:

6.35mm (.250") Pitch MLX™ Power Connector Header, Vertical, with Compliant Polarizing Peg, 6 Circuits, 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

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

PC Tail Length (in)

PC Tail Length (mm)

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

6

6

With Compliant Polarizing Peg

Natural

50

No

No

No

No

None

Yes

Phosphor Bronze

Tin

Polyester

2

Vertical

0.170 In

4.30 mm

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

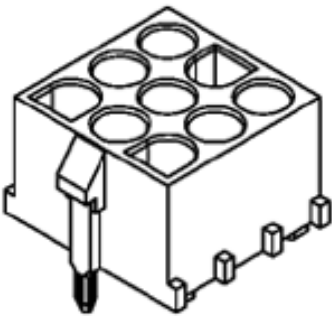


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

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	9A
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

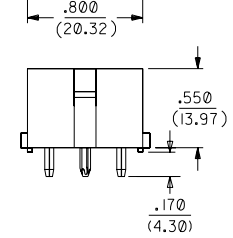
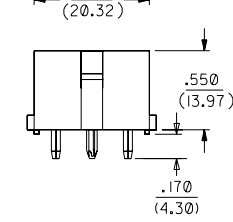
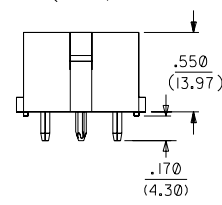
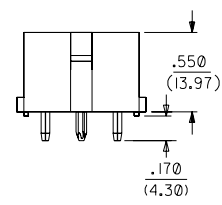
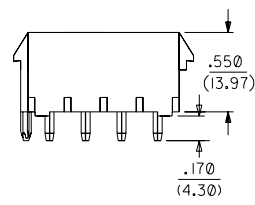
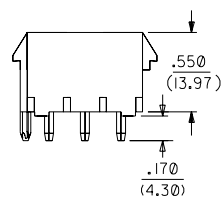
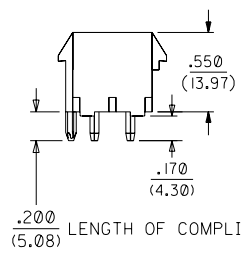
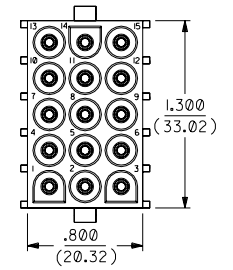
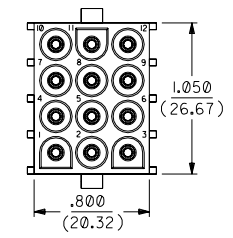
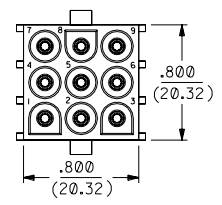
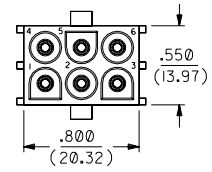
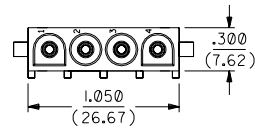
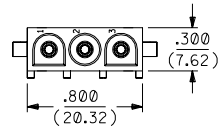
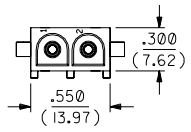
Material Info

Reference - Drawing Numbers

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

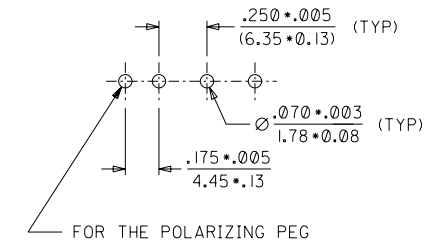
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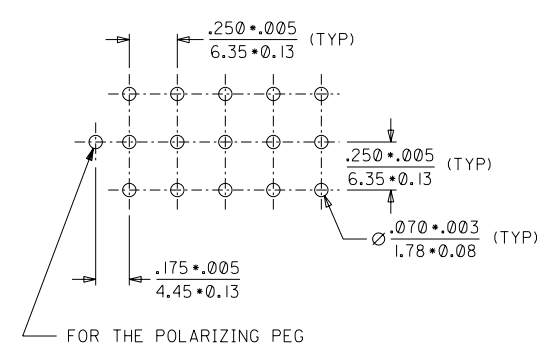


P.C. BOARD
MOUNTING DIMENSIONS

2, 3 & 4 POSITION HEADER ASSEMBLIES



6, 9, 12 & 15 POSITION HEADER ASSEMBLY



NOTES:

- 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		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	
DRWMS-G 20/01/03	CHK:G-L 20/01/03			APPR-G-L 20/01/03			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			4 PLACES	±0.	±.	CHECKED BY & DATE G.L 01/09/28							
				3 PLACES	±0.	±. 010	APPROVED BY & DATE G.L 01/09/28							
				2 PLACES	±0.25	±. 014	 MOLEX INCORPORATED							
				1 PLACE	±0.36	±.								
ANGULAR: ± 1/2°		CAD FILENAME SD-36538-001.S01		MATERIAL NO. SEE SHEET2		DRAWING NO. SD-36538-001		SHEET NO. 1 OF 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		DIMENSIONS: mm INCH mm INCH mm ONLY REVISE ON CAD ONLY		SHT REV 2 OF 2													
A1				REV		DESCRIPTION		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															
LBORD.DGN REV A 96/06/12 LEVEL 5				I2		I1		I0		9		8		7		6		5		4		3		2		1	

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