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Part Number:

0365380016

Status:

Active

Overview:

[mlx](#)

Description:

6.35mm (.250") Pitch MLX™ Power Connector Header, Vertical, with Compliant Polarizing Peg, 15 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)	15
Circuits (maximum)	15
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	5
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	9A
Voltage - Maximum	600V

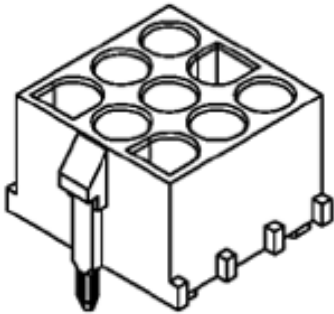


image - Reference only

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

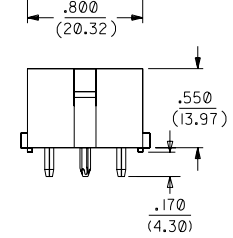
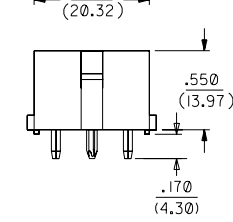
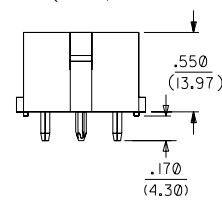
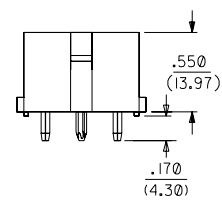
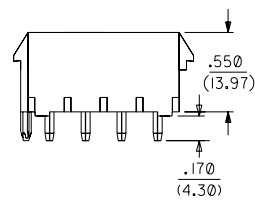
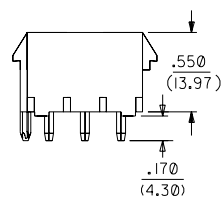
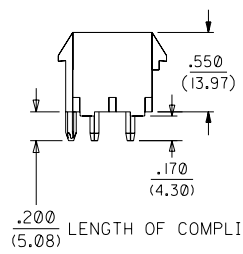
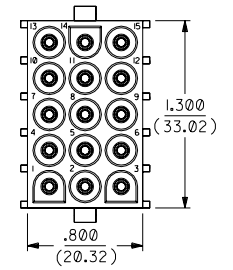
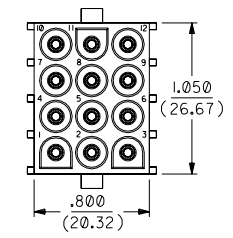
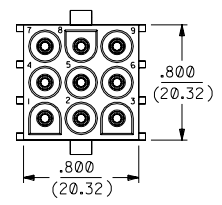
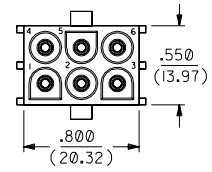
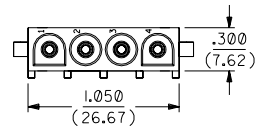
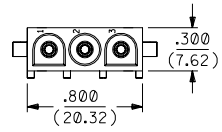
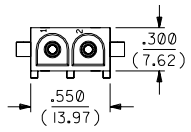
Material Info

Reference - Drawing Numbers

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

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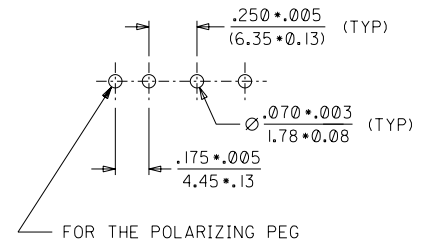
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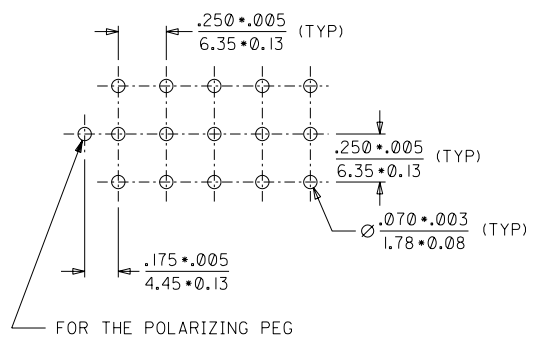
LENGTH OF COMPLIANT/POLARIZING PEG (TYP)

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. I 2003-0027 A1 DRWNS: S.S CHKs: G.L APPR: G.L				DESCRIPTION REV	QUALITY SYMBOLS MAJOR = CRITICAL C =	GENERAL TOLERANCES: (UNLESS SPECIFIED)			SCALE 1.5:1	DESIGN UNITS ☐ mm ☒ INCH	 THIRD ANGLE PROJECTION	DIMENSIONS: ☐ mm INCH ☒ mm ☐ mm ONLY			SHT	REV						
												REVISE ON CAD ONLY										
									DRAWN BY & DATE S.S 01/09/28		TITLE: HEADER HOUSING ASSEMBLIES .084/(2.13) SERIES WITH COMPLIANT/POLARISING PEG											
									CHECKED BY & DATE G.L 01/09/28													
									APPROVED BY & DATE G.L 01/09/28		 MOLEX INCORPORATED											
									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 DRAWN BY & DATE S.S 01/09/28	DESIGN UNITS ☐mm ☒INCH	☐ ☐ THIRD ANGLE PROJECTION	DIMENSIONS: ☐mm ☒INCH ☐mm ONLY		SHT REVISE ON CAD ONLY	REV	
						CHECKED BY & DATE G.L 01/09/28		TITLE: HEADER HOUSING ASSEMBLIES .084/(2.13) SERIES WITH COMPLIANT/POLARIZING PEG							
						APPROVED BY & DATE G.L 01/09/28		MOLEX INCORPORATED							
						CAD FILENAME SD-36538-001.S02		MATERIAL NO. SEE CHART	DRAWING NO. SD-36538-001	SHEET NO. 2 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		
LBORD.DGN REV A 96/06/12 LEVEL 5				I2	I1	I0	9	8	7	6	5	4	3	2	I



**Стандарт
Электрон
Связь**

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