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Part Number:

0365630019

Status:

Active

Overview:

[mlx](#)

Description:

6.35mm (.250) Pitch MLX™ Power Connector Header, Vertical, without Plastic Polarizing Peg, 15 Circuits, Polyester 94V-0, Tin Lead (Pb/Sn) Plating, White

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PSX-42002-0001 \(PDF\)](#)

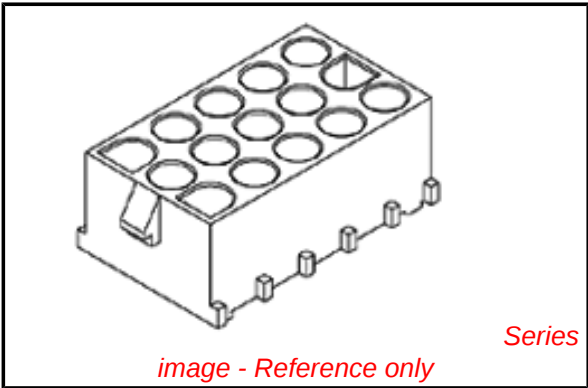
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	36563
Application	Wire-to-Board
Comments	Without Compliant / Polarization Peg
Overview	mlx
Product Name	MLX™

Physical

Breakaway	No
Circuits (Loaded)	15
Circuits (maximum)	15
Color - Resin	White
Durability (mating cycles max)	50
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin-Lead
Material - Plating Termination	Nickel
Material - Resin	Polyester
Number of Rows	3
Orientation	Vertical
PC Tail Length (in)	0.170 In
PC Tail Length (mm)	4.30 mm
PCB Locator	No
PCB Retention	None
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)	60
Plating min: Mating (µm)	15.25
Plating min: Termination (µin)	50
Plating min: Termination (µm)	1.27
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +105°C



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
[36563Series](#)

Mates With
[42021](#) MLX™ Power Crimp Housing Plug.
[42023](#) MLX Crimp Terminal. [42024](#) MLX Crimp Terminal

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

9A

Voltage - Maximum

600V

Material Info

Reference - Drawing Numbers

Product Specification

PSX-42002-0001

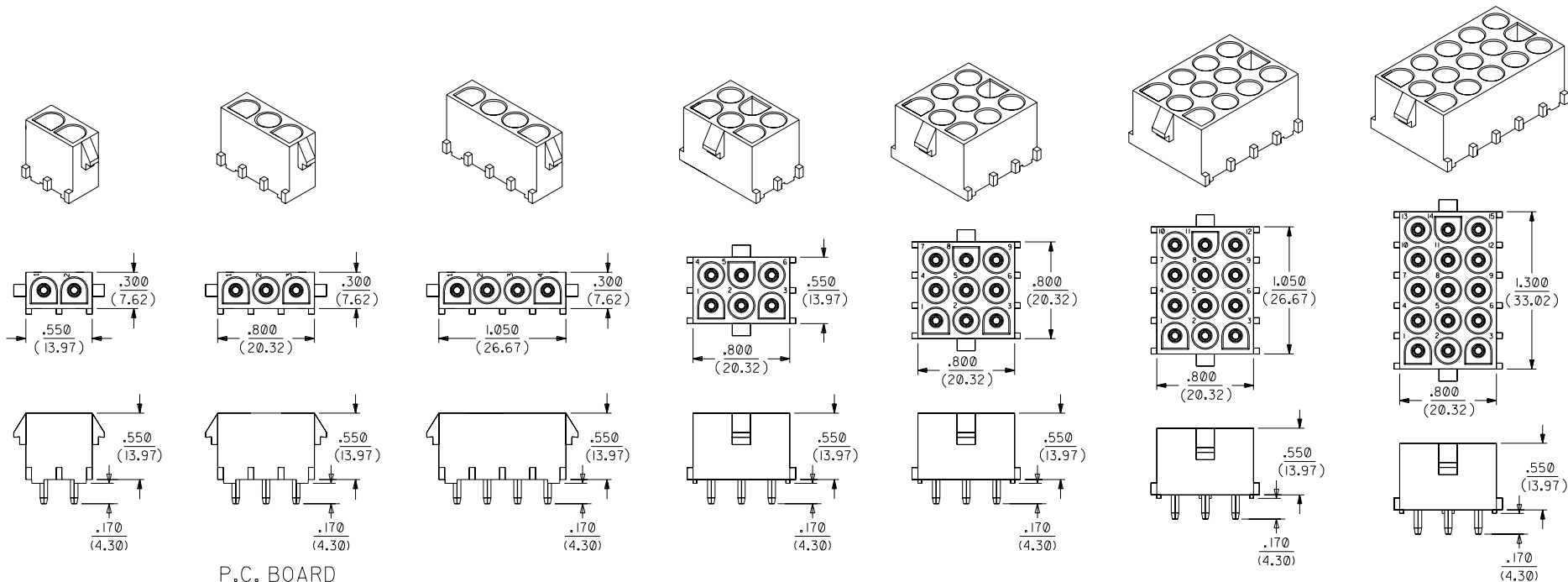
Sales Drawing

SD-36563-001

This document was generated on 05/24/2010

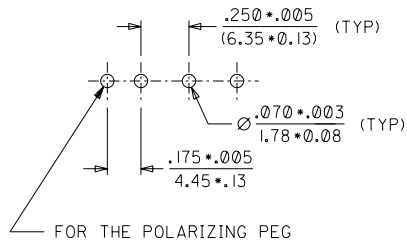
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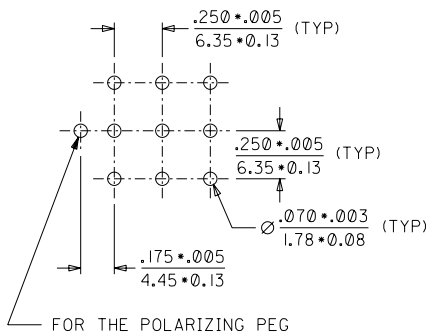


P.C. BOARD
MOUNTING DIMENSIONS

2 & 3 POSITION HEADER ASSEMBLIES



9 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 : BRASS, SOLID PIN
- FINISH:
TIN-LEAD 60-100 MICROINCH, OVER NICKEL 50 MICROINCH (MIN) OVERALL
- 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 2003-0020		QUALITY SYMBOLS		GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 1:5		DESIGN UNITS		THIRD ANGLE PROJECTION		DIMENSIONS:		SHT	REV
DRAWN: S.S. 25/11/02		MAJOR		mm		1:5		mm		mm		mm		mm	
CHK: G.L. 25/11/02		CRITICAL		INCH		DRAWN BY & DATE		S.S. 28/09/01		TITLE:		mm		mm	
APPR: G.L. 25/11/02		C		±.01		CHECKED BY & DATE		G.L. 28/09/01		WITHOUT COMPLIANT/POLARIZING PEG		mm		mm	
REV		DESCRIPTION		±.025		APPROVED BY & DATE		G.L. 28/09/01		MOLEX INCORPORATED		mm		mm	
A		MAJOR		±.036		CAD FILENAME		SD-36563-001.S01		MATERIAL NO.		DRAWING NO.		SHEET NO.	
		CRITICAL		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.		SEE CHART		SD-36563-001		1 OF 2	
														C	

12 11 10 9 8 7 6 5 4 3 2 1

	I3	I2	I1	I0	9	8	7	6	5	4	3	2		J
J	ITEM NO.	CIRCUIT SIZE	MATERIAL COLOR (SEE NOTE 1)											J
	36563-0001	2	A											
	36563-0002		B											
	36563-0003		C											
	36563-0004	3	A											
	36563-0005		B											
	36563-0006		C											
I	36563-0007	4	A											I
	36563-0008		B											
	36563-0009		C											
	36563-0010	6	A											
	36563-0011		B											
	36563-0012		C											
	36563-0013	9	A											
H	36563-0014		B											H
	36563-0015		C											
	36563-0016	12	A											
	36563-0017		B											
	36563-0018		C											
	36563-0019	15	A											
G	36563-0020		B											G
	36563-0021		C											
F														F
E														E
D														D
C														C
B														B
A														A
LBORD.DGN REV A 96/06/12 LEVEL 5														