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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:

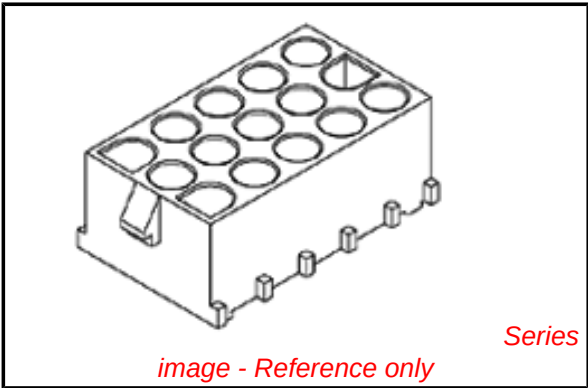
[3D Model](#)

[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

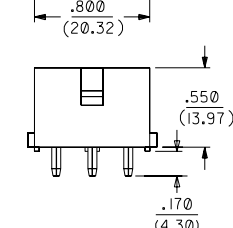
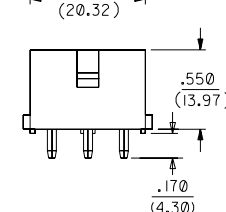
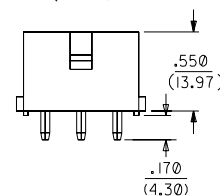
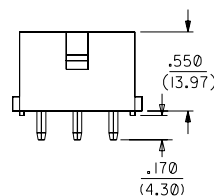
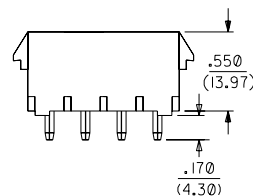
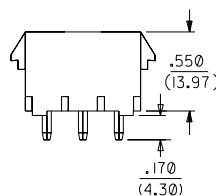
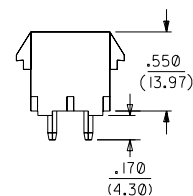
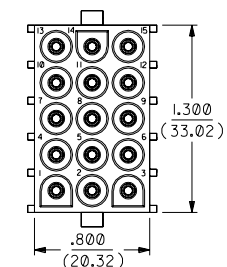
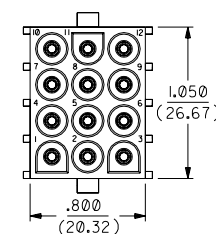
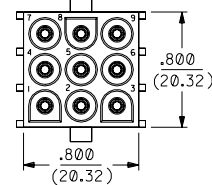
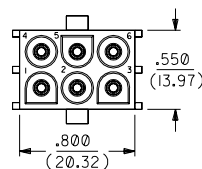
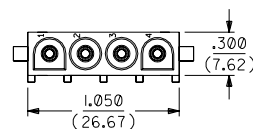
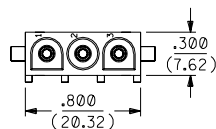
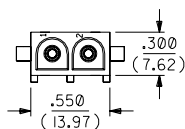
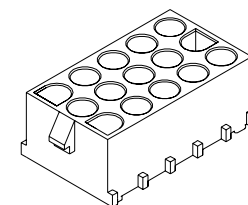
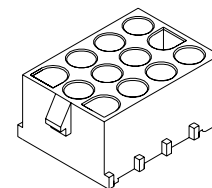
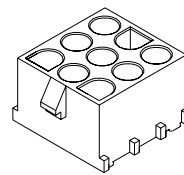
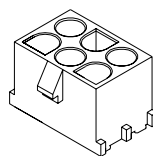
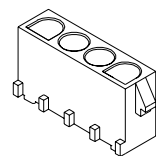
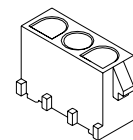
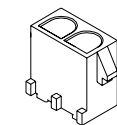
Sales Drawing

SD-36563-001

This document was generated on 05/24/2010

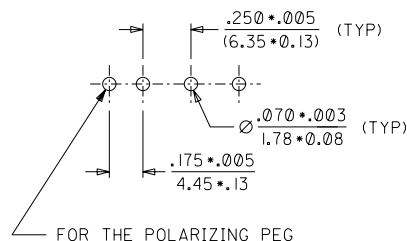
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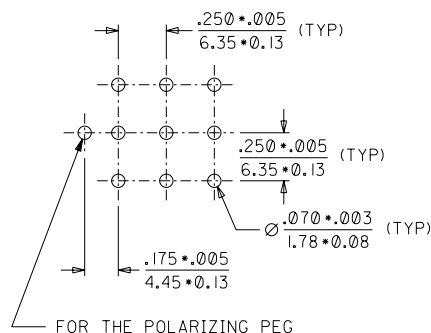


P.C. BOARD
MOUNTING DIMENSIONS

2 & 3 POSITION HEADER ASSEMBLIES



9 POSITION HEADER ASSEMBLY



NOTES:

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 : BRASS, SOLID PIN

2) FINISH:

TIN-LEAD 60-100 MICROINCH, OVER NICKEL 50 MICROINCH (MIN) OVERALL

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 2003-0020		QUALITY SYMBOLS		GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 1:5		DESIGN UNITS		THIRD ANGLE PROJECTION		DIMENSIONS:		SHT		REV	
DRWN: S.S. 25/11/02		MAJOR						☐ mm ☐ INCH				☐ mm ☒ INCH					
CHK: G.L. 25/11/02		CRITICAL						DRAWN BY & DATE		TITLE: HEADER HOUSING ASSEMBLIES							
APPR: G.L. 25/11/02				4 PLACES		±0.25		S.S. 28/09/01		.084/(2.13) SERIES							
				3 PLACES		±0.10		CHECKED BY & DATE		WITHOUT COMPLIANT/POLARIZING PEG							
				2 PLACES		±0.14		G.L. 28/09/01									
				1 PLACE		±0.36		APPROVED BY & DATE		MOLEX INCORPORATED							
								G.L. 28/09/01									
				ANGULAR: ± 1/2°				CAD FILENAME		MATERIAL NO.		DRAWING NO.		SHEET NO.			
								SD-36563-001.S01		SEE CHART		SD-36563-001		1 OF 2			
A		REV		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									
	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									
				EC NO. I 2003-0020 DRWN: S.S. 25/11/02 CHK: G.L. 25/11/02 APPR: G.L. 25/11/02		DESCRIPTION		QUALITY SYMBOLS MAJOR = CRITICAL =		GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 1:5 ± 1		DESIGN UNITS ☐ mm ☒ INCH		THIRD ANGLE PROJECTION		DIMENSIONS: ☐ mm ☒ INCH ☐ mm ONLY		SHT		REV	
				A		REV				4 PLACES ±0. mm ±. INCH		DRAWN BY & DATE S.S. 28/09/01		CHECKED BY & DATE G.L. 28/09/01		APPROVED BY & DATE G.L. 28/09/01		TITLE: HEADER HOUSING ASSEMBLIES .084/(2.13) SERIES WITHOUT COMPLIANT/POLARIZING PEG					
										2 PLACES ±0.25 ±. 010								MOLEX INCORPORATED					
										1 PLACE ±0.36 ±. INCH													
										ANGULAR: ± 1/2°													
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												SIZE C	

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.

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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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