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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

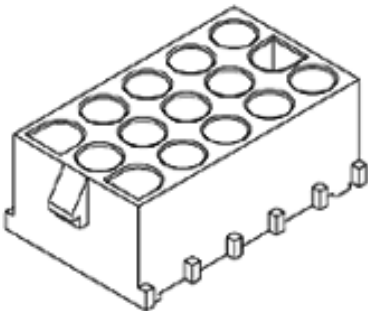


image - Reference only

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
[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

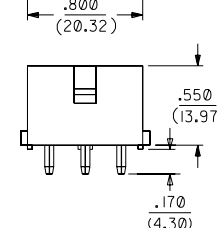
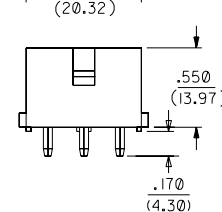
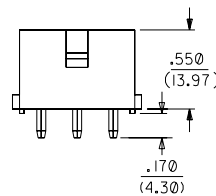
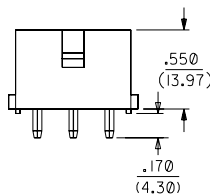
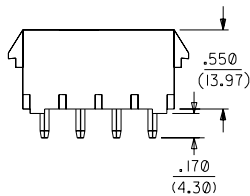
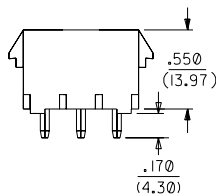
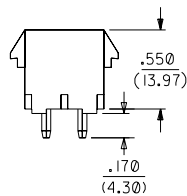
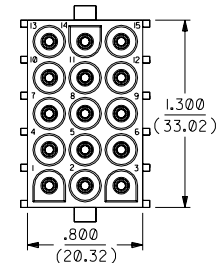
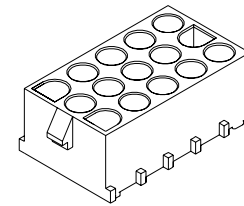
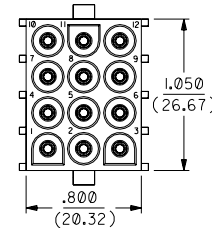
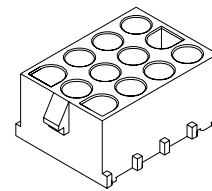
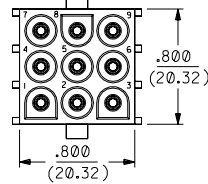
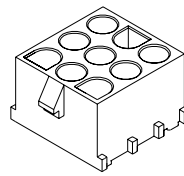
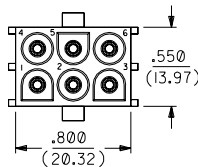
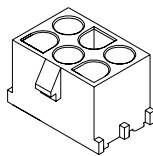
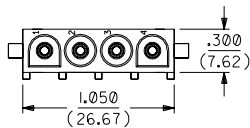
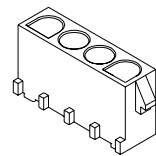
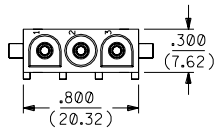
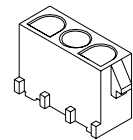
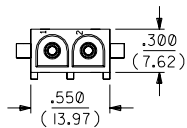
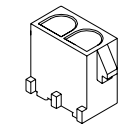
PSX-42002-0001

Sales Drawing

SD-36563-001

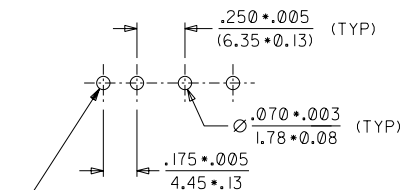
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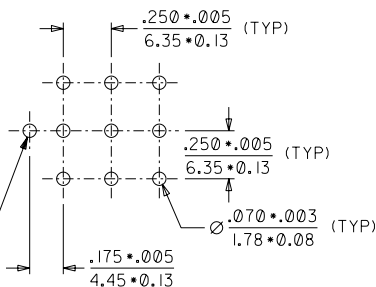
P.C. BOARD MOUNTING DIMENSIONS

2 & 3 POSITION HEADER ASSEMBLIES



FOR THE POLARIZING PEG

9 POSITION HEADER ASSEMBLY



FOR THE POLARIZING PEG

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		1:5		mm		mm		mm		mm	
CHK: G.L. 25/11/02		CRITICAL		INCH		S.S.		mm		mm		mm		mm	
APPR: G.L. 25/11/02				4 PLACES ±0.		DRAWN BY & DATE		mm		mm		mm		mm	
				3 PLACES ±0.		CHECKED BY & DATE		mm		mm		mm		mm	
				2 PLACES ±0.25		G.L. 28/09/01		mm		mm		mm		mm	
				1 PLACE ±0.36		APPROVED BY & DATE		mm		mm		mm		mm	
				ANGULAR: ± 1/2°		G.L. 28/09/01		mm		mm		mm		mm	
						CAD FILENAME		MATERIAL NO.		DRAWING NO.		SHEET NO.		SIZE	
A						SD-36563-001.S01		SEE CHART		SD-36563-001		1 OF 2		C	
						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.							

	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	

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru