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**Part Number:** [0367590106](#)

**Status:** **Active**

**Overview:** [MLX Power Connectors](#)

**Description:** 6.35mm Pitch MLX Power Connector Header with Pin Terminal, Vertical, 12 Circuits, Nylon 6/6 94V-2, Tin (Sn) Plating, Black, Lead-Free

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)

[Product Specification PSX-42002-0001-001 \(PDF\)](#)

[Packaging Specification PK-43255-001-001 \(PDF\)](#)

[Packaging Specification PK-43255-003-001 \(PDF\)](#)

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



*Series image - Reference only*

**Agency Certification**

UL

E29179

**General**

Product Family  
Series  
3D Viewer  
Application  
CURRENT-MAX-NUMERIC  
Comments

PCB Headers

[42002](#)

Yes

Power, Wire-to-Board

13.5, 20.0

""""""This Molex product is manufactured from material that has the following ratings, tested by independent agencies:.. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.""""", """"""This Molex product is manufactured from material that has the following ratings, tested by independent agencies:.. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.""""

[MLX Power Connectors](#)

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

For more information, please visit [Contact US](#)

**China RoHS**

China ROHS Not Reviewed

ELV Not Reviewed

RoHS Phthalates Not Reviewed

**Search Parts in this Series**

[42002 Series](#)

**Mates With**

[42021 Plug](#)

**PITCH-MATING-NUMERIC**

Product Name

UPC

6.35

MLX

884982509320

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Resin	Nylon
Number of Rows	4
Orientation	Vertical
PC Tail Length	4.27mm
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	6.35mm
Polarized to PCB	Yes
Shrouded	Fully
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	13.5A, 20.0A
Voltage - Maximum	600V

**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-43255-001-001, PK-43255-003-001
Product Specification	PSX-42002-0001-001
Sales Drawing	SDA-42002-XXXXX

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