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**Part Number:** [36757-0105](#)  
**Status:** **Active**  
**Overview:** [MLX™ Power Connectors](#)  
**Description:** 6.35mm Pitch MLX™ Power Connector Header with Pin Terminal, Vertical, 9 Circuits, Nylon 6/6 94V-2, Tin (Sn) Plating, Natural, Lead-Free, Glow Wire compatible with CTI of 325V

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PSX-42002-0001 \(PDF\)](#)  
[Product Specification PS-42022-0001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [42002](#)  
 Application Power, Wire-to-Board  
 Comments "Glow Wire compatible with CTI of 325V<P><P>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."

Overview [MLX™ Power Connectors](#)  
 Product Name MLX™  
 UPC 884982522732

**Physical**

Breakaway No  
 Circuits (Loaded) 9  
 Circuits (maximum) 9  
 Color - Resin Natural  
 Durability (mating cycles max) 50  
 First Mate / Last Break No  
 Flammability 94V-2  
 Glow-Wire Compliant Yes  
 Guide to Mating Part Yes  
 Keying to Mating Part Yes  
 Lock to Mating Part Yes  
 Material - Plating Mating Tin  
 Material - Resin Nylon

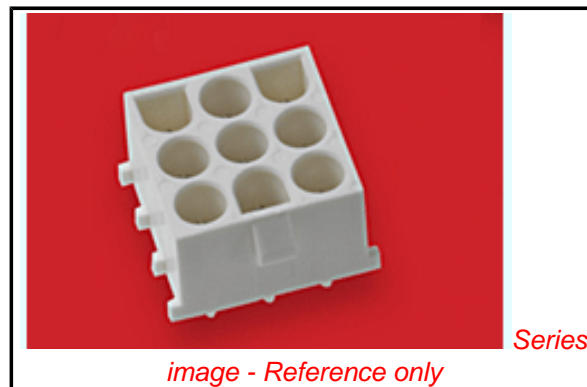


image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[42002Series](#)

**Mates With**

[42021 Plug](#)

Net Weight	4.923/g
Number of Rows	3
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°C to +105°C
Termination Interface: Style	Through Hole

### **Electrical**

Current - Maximum per Contact	13.5A, 20A
Voltage - Maximum	600V

### **Material Info**

### **Reference - Drawing Numbers**

Product Specification	PS-42022-0001, PSX-42002-0001
Sales Drawing	SDA-42002-*****

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