molex®
one company › a world of innovation

Part Number: **36757-0022**

Status: **Active**

Overview: MLX™ Power Connectors

Description: 6.35mm Pitch MLX™ Power Connector Header, Pin Terminals, 2.13mm Contact Diameter, Vertical, with Plastic Polarizing Peg, 3 Circuits, Lead-Free, White, Glow Wire Compliant

image - Reference only
Series

Documents:
3D Model
Drawing (PDF)

Product Specification PSX-42002-0001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification
CSA	LR19980
UL	E29179

General
Product Family	PCB Headers
Series	43255
Application	Board-to-Board, Power, Wire-to-Board
Comments	"High Vibration Application<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	884982473126

Physical
Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	White
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Compliant	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Reviewed

China RoHS

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
43255Series

Mates With
42021 MLX™ Power Crimp Housing Plug, 42023 MLX Crimp Terminal, 42024 MLX Crimp Terminal

Material - Resin	Polyester
Number of Rows	1
Orientation	Vertical
PC Tail Length	4.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	6.35mm
Pitch - Termination Interface	6.35mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

Electrical

| Current - Maximum per Contact | 12A, 20A |
| Voltage - Maximum | 600V |

Material Info

Reference - Drawing Numbers

| Product Specification | PSX-42002-0001 |
| Sales Drawing | SDA-43255-00** |