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Part Number:0432550161

Status:Active

Overview:

Description:6.35mm Pitch MLX Power Connector Header, 2.13mm Contact Diameter, Vertical, with Plastic Polarizing Peg, 15 Circuits, Polyester 94V-0, Tin Plating, Natural (Translucent), Lead-Free

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
Product Name	MLX
UPC	800753948952
Physical	
Breakaway	No
Circuits (Loaded)	15
Circuits (maximum)	15
Color - Resin	Natural
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	30.35mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	7.905/g
Number of Rows	3
Orientation	Vertical

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

43255 Series

Mates With

42021 MLX Power Crimp Housing Plug, 42024 MLX Crimp Terminal

PC Tail Length	4.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
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° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	20.0A, 9.0A
Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	WAVE
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-43255-001-001, PK-43255-003-001
Product Specification	PSX-42002-0001-001
Sales Drawing	SDA-43255-00XX-001

This document was generated on 07/27/2022

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