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Part Number: 43255-0073

2.13mm Diameter MLX™ Power Connector Header, Vertical, with Plastic Polarizing Peg, 4 Circuits, Polyester 94V-0, Tin (Sn) Plating, Brick Red



Series image - Reference only

Status: OBSOLETE
Replacement: Contact Molex
Series: 43255
Category: PCB Headers
Overview: MLX™ Power Connectors

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Mates With Part(s):

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

Product Environmental Compliance

EU ELV:Product not activeEU RoHS:Product not activeEU RoHS Phthalates:Product not activeChina RoHS:REACH SVHC:Product not activeLow-Halogen Status:Product not active

EU RoHS Certificate of Compliance (PDF)

Multiple Part Product Compliance Statements

EU RoHS, REACH SVHC, & Low-Halogen

Multiple Part Industry Compliance Documents

*IPC 1752A Class C

*IPC 1752A Class D

*Molex Product Compliance Declaration

Questions on Product Environmental Compliance? Email ProductCompliance@molex.comRequest Molex's CMRT from conflictminerals@molex.com

Application Tooling

FAQ

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)

Part Detail

COLLAPSE ALL

▼ General

Status	Obsolete
Category	PCB Headers
Series	43255
Application	Board-to-Board, Power, Wire-to-Board
Comments	High Vibration Application
Overview	MLX™ Power Connectors
Product Name	MLX™
UPC	800753287228

▼ Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Vertical
PC Tail Length	4.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
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

(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	12.0A, 20.0A
Voltage - Maximum	600V

▼ Agency Certification

Please find UL Certificates by searching the UL Database using the Molex Series Number. Click here to visit the UL Database	
CSA	LR19980
UL	E29179

▼ Environmental

RoHS	Yes
Reach	Yes
WEEE	Yes

▼ Regulatory

CE	Yes
REACH	Yes
RoHS	Yes

▼ Quality

AS9100	Yes
ISO 9001	Yes
ISO 14001	Yes

▼ Safety

EN 60068-2-27	Yes
EN 60068-2-6	Yes
EN 60068-2-14	Yes

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