

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Part Number: 43255-0003

Status: Active

Overview: MLXTM Power Connectors

Description: 6.35mm Pitch MLX™ Power Connector Header, 2.13mm Contact Diameter, Vertical,

with Plastic Polarizing Peg, 2 Circuits, Lead-Free, White

Documents:

<u>3D Model</u> <u>Product Specification PSX-42002-0001 (PDF)</u>
<u>Drawing (PDF)</u> <u>RoHS Certificate of Compliance (PDF)</u>

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series <u>43255</u>

Application Board-to-Board, Power, Wire-to-Board

Product Name MLX™

UPC 800753183667

Physical

Breakaway No Circuits (Loaded) 2 Circuits (maximum) 2 Color - Resin White 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

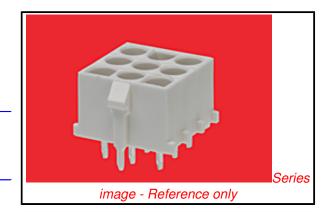
Material - Metal Phosphor Bronze

Material - Plating Mating Tin Material - Plating Termination Tin Material - Resin Polyester Net Weight 1.568/a Number of Rows 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

Temperature Range - Operating -55°C to +105°C Termination Interface: Style Through Hole

No

Surface Mount Compatible (SMC)



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen



Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the <u>Contact Us</u> 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

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 10

Lead-free Process Capability Wave Capable (TH only)

Process Temperature max. C 26

Material Info

Reference - Drawing Numbers

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

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