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[Molex Connector Corporation](#)
[0432550107](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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Part Number: [0432550107](#)
Status: **Active**
Overview: [MLX™ Power Connectors](#)
Description: 6.35mm Pitch MLX™ Power Connector Header, 2.13mm Contact Diameter, Vertical, with Plastic Polarizing Peg, 17 Circuits, Polyester 94V-0, Tin Plating, Natural, Lead-Free

Documents:
[3D Model](#) [Product Specification PSX-42002-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [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
 Overview [MLX™ Power Connectors](#)
 Product Name MLX™
 UPC 800754790215

Physical

Breakaway No
 Circuits (Loaded) 15
 Circuits (maximum) 15
 Color - Resin Natural
 Durability (mating cycles max) 50
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant 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 Polyester
 Net Weight 8.895/g
 Number of Rows 3
 Orientation Vertical
 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°C to +105°C
 Termination Interface: Style Through Hole



EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

[43255 Series](#)

Mates With

[42021 MLX™ Power Crimp Housing Plug](#),
[42023 MLX Crimp Terminal](#), [42024 MLX Crimp Terminal](#)



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

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

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