



**Distributor of Molex Connector Corporation: Excellent Integrated System Limited**

Datasheet of 0432550051 - Connector Header 15 Position 0.250" (6.35mm) Tin Through Hole

Contact us: [sales@integrated-circuit.com](mailto:sales@integrated-circuit.com) Website: [www.integrated-circuit.com](http://www.integrated-circuit.com)

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## **Excellent Integrated System Limited**

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0432550051](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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**Part Number:** [0432550051](#)  
**Status:** **Active**  
**Overview:** [MLX™ Power Connectors](#)  
**Description:** 6.35mm Pitch MLX™ Power Connector Header, 2.13mm Contact Diameter, Vertical, with Plastic Polarizing Peg, 15 Circuits, Lead-Free, White

**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 800753183742

**Physical**

Breakaway No  
 Circuits (Loaded) 15  
 Circuits (maximum) 15  
 Color - Resin White  
 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  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Number of Rows 3  
 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 20.0A, 9.0A



**EU ELV**  
**Not Reviewed**

**EU RoHS** **China RoHS**  
**Not Reviewed** **Not Reviewed**

**REACH SVHC**  
 Not Reviewed

**Halogen-Free Status**  
**Not Reviewed**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Not Reviewed  
 ELV Not Reviewed

**Search Parts in this Series**  
[43255 Series](#)

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



Voltage - Maximum

600V

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PSX-42002-0001

Sales Drawing

SDA-43255-00\*\*

This document was generated on 03/07/2016

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