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**Part Number:** [0010845031](#)  
**Status:** **Active**  
**Overview:** [mlx](#)  
**Description:** 6.35mm (.250) Pitch MLX Power Connector Receptacle, 2.13mm (.084") Contact Diameter, Vertical, PCT Polyester, Tin (Sn), White, 3 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-42022-0001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [42002](#)  
 Application Power, Wire-to-Board  
 Comments High Vibration Application  
 Overview [mlx](#)  
 Product Name MLX™

**Physical**

Circuits (Loaded) 3  
 Color - Resin Natural  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 4.30mm (.169")  
 PCB Retention None  
 PCB Thickness - Recommended 0.90mm (.035")  
 Packaging Type Bag  
 Pitch - Mating Interface 6.35mm (.250")  
 Polarized to PCB Yes  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -55°C to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

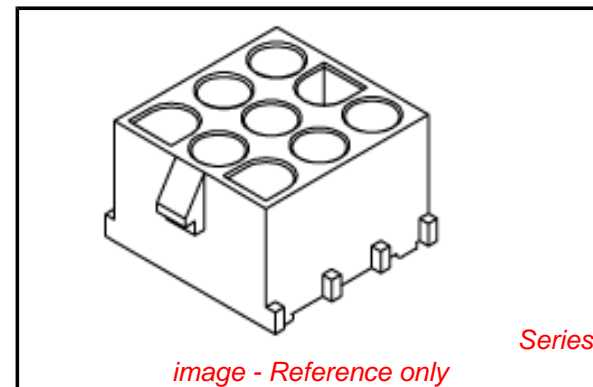
Current - Maximum per Contact 13.5A  
 Voltage - Maximum 600V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 10  
 Lead-free Process Capability Wave Capable (TH only)  
 Process Temperature max. C 260

**Material Info**

Country of Origin IN, US  
 Old Part Number 4200203C2A1



**EU RoHS**

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

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

**Search Parts in this Series**

[42002Series](#)

**Mates With**

[42021](#) , [42023](#)

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-43255-001

PS-42022-0001

SDA-42002-\*\*\*\*\*

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