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**Part Number:** [1722010002](#)  
**Status:** **Active**  
**Overview:** [PowerPlane Bus Bar Power Connectors](#)  
**Description:** PowerPlane Bus Bar Receptacle Assembly, Right Angle, Solder Tail, Screw Mount, 3.18mm Bus Bar Thickness, (2) #2-32 Type AB Self Tapping Screws Included

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-172201-001-001 \(PDF\)](#) [Product Literature \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

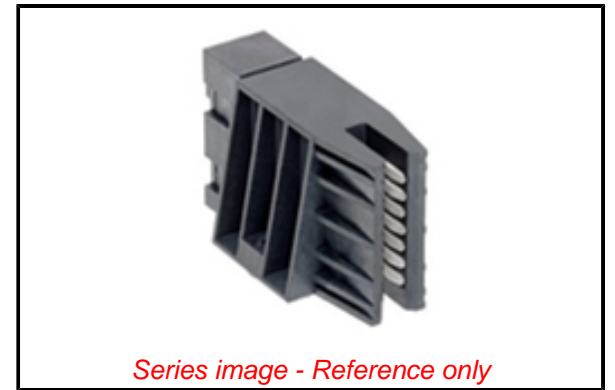
Product Family PCB Receptacles  
 Series [172201](#)  
 Application Power  
 Overview [PowerPlane Bus Bar Power Connectors](#)  
 Product Literature Order No 987651-6712  
 Product Name PowerPlane  
 UPC 887191621951

**Physical**

Circuits (Loaded) 1  
 Circuits (maximum) 1  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part None  
 Material - Metal Copper Alloy  
 Material - Plating Mating Silver over Nickel  
 Material - Plating Termination Tin over Nickel  
 Material - Resin Liquid Crystal Polymer  
 Net Weight 20.839/g  
 Number of Rows 1  
 Orientation Right Angle  
 PC Tail Length 4.70mm  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 2.38mm  
 Packaging Type Tray  
 Pitch - Mating Interface N/A  
 Plating min - Mating 3.175µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part No  
 Polarized to PCB Yes  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 180.0A



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/30/2017 (7 July  
 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[172201](#) Series

**Mates With**

3.18mm Thick Bus Bar Tab

Voltage - Maximum 600V AC

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 040

Lead-free Process Capability SMC&WAVE

Max. Cycles at Max. Process Temperature 003

Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-172201-001-001

Sales Drawing SD-172201-0001, SD-172201-0002

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