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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

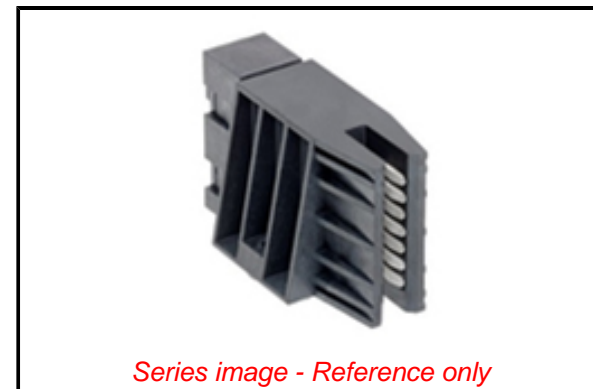
Product Family PCB Receptacles
 Series [172201](#)
 Application Power
 Overview [PowerPlane Bus Bar Power Connectors](#)
 Product Literature Order No 987651-6712
 Product Name PowerPlane
 UPC 887191621951

Physical

Circuits (Loaded) 1
 Circuits (maximum) 1
 Color - Resin Black
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Capable 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° 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/88/2018 (15
 January 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

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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