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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)

Product Specification PS-172201-001-001 (PDF)

RoHS Certificate of Compliance (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

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

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-freeProcess 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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