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Part Number:

1722010003

Status:

Active

Overview:

PowerPlane Bus Bar Power Connectors

Description:

PowerPlane Bus Bar Receptacle Assembly, Right-Angle, Solder Tail, 3.18mm Bus Bar Thickness

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	887191621968
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	19.516/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	4.70mm
PCB Locator	No
PCB Retention	None
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

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

This document was generated on 03/04/2019

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