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Part Number: [1720471001](#)
Status: **Active**
Overview: EXTreme OrthoPower Orthogonal Direct-Power Connector System
Description: EXTreme OrthoPower Orthogonal Receptacle, 2 Blade, Circuit 1 Tail Length 3.60mm, Circuit 2 Tail Length 3.35mm

Documents:

3D Model	Product Specification PS-172047-1001-001 (PDF)
3D Model (PDF)	Packaging Specification PK-172047-1001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family	PCB Receptacles
Series	172047
Application	Power
Overview	<u>EXTreme OrthoPower Orthogonal Direct-Power Connector System</u>
Product Name	EXTreme OrthoPower
UPC	887191432014

Physical

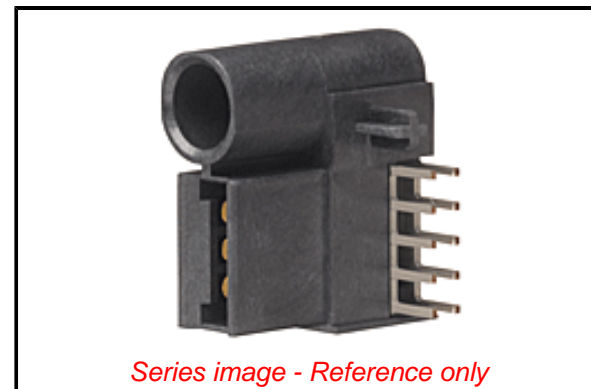
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.584/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.35mm, 3.60mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	2.36mm
Packaging Type	Tray
Pitch - Mating Interface	N/A
Pitch - Termination Interface	2.50mm
Plating min - Mating	0.762µm
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	30.0A
Voltage - Maximum	250V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability N/A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

[172047 Series](#)

Mates With

[EXTreme OrthoPower Orthogonal Plug
172045](#)

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-172047-1001

PS-172047-1001-001

SD-172047-1001-001

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