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Part Number: [1720471002](#)
Status: **Active**
Overview: [EXTreme OrthoPower® Orthogonal Direct-Power Connector System](#)
Description: [EXTreme OrthoPower™ Orthogonal Receptacle 2 Blade, PC Tail Length 4.50mm](#)

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	172047
Application	Power
Overview	EXTreme OrthoPower® Orthogonal Direct-Power Connector System
Product Name	EXTreme OrthoPower™
UPC	887191588834

Physical

Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	250
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.584/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	4.50mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	2.36mm
Packaging Type	Tray
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Plating min - Mating	0.762µm
Polarized to PCB	Yes
Temperature Range - Operating	-40°C 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
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Material Info

Reference - Drawing Numbers

Sales Drawing	SD-172047-1001
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[172047](#) Series

Mates With

[172045](#) EXTreme OrthoPower™ Orthogonal Plug

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