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

**Documents:**

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

**Agency Certification**

UL E29179

**General**

Product Family PCB Receptacles  
 Series [172047](#)  
 Application Power  
 Overview [EXTreme OrthoPower™ Orthogonal Direct-Power Connector System](#)  
 Product Name EXTreme OrthoPower™  
 UPC 887191432014

**Physical**

Circuits (Loaded) 2  
 Circuits (maximum) 2  
 Color - Resin Black  
 Durability (mating cycles max) 250  
 Flammability 94V-0  
 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 3.60mm  
 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

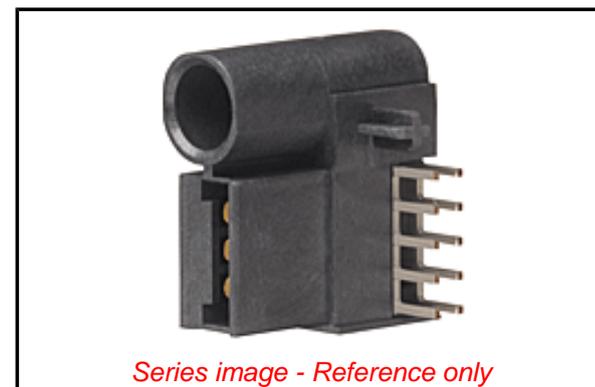
**Electrical**

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

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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

Reference - Drawing Numbers  
Sales Drawing

SD-172047-1001

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