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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](#) [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 [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

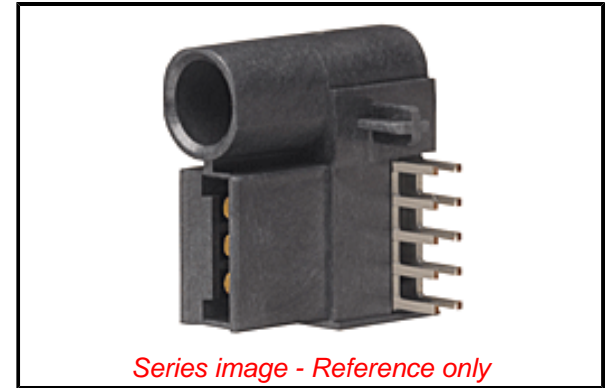
Electrical

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

Solder Process Data

Lead-freeProcess Capability N/A

Material Info



EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[172047](#) Series

Mates With

[172045](#) EXTreme OrthoPower™ Orthogonal Plug

Reference - Drawing Numbers

Packaging Specification

Sales Drawing

PK-172047-1001

SD-172047-1001

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