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Part Number: [1720451001](#)
Status: **Active**
Overview: EXTreme OrthoPower® Orthogonal Direct-Power Connector System
Description: EXTreme OrthoPower™ Orthogonal Plug 2 Blade, PC Tail Length 3.26mm

Documents:

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

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [172045](#)
 Application Power
 Overview [EXTreme OrthoPower® Orthogonal Direct-Power Connector System](#)
 Product Name EXTreme OrthoPower™
 UPC 887191431000

Physical

Breakaway No
 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
 Material - Metal Copper Alloy
 Material - Plating Mating Gold over Nickel
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 4.538/g
 Number of Rows 2
 Orientation Right Angle
 PCB Locator Yes
 PCB Retention None
 PCB Thickness - Recommended 1.58mm
 Packaging Type Tray
 Pitch - Mating Interface 2.50mm
 Pitch - Termination Interface 2.50mm
 Plating min - Mating 0.762µm
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Through Hole

Electrical

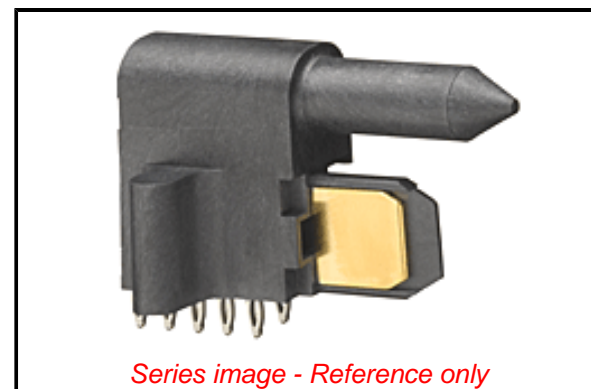
Current - Maximum per Contact 30.0A
 Voltage - Maximum 250V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
 ED/30/2017 (7 July
 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

[172045](#) Series

Mates With

[172047](#) EXTreme OrthoPower™ Orthogonal Receptacle

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