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Part Number: [172045-1001](#)
Status: **Active**
Description: EXTreme OrthoPower™ Orthogonal Plug 2 Blade, PC Tail Length 3.26mm

Documents:

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

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [172045](#)
 Application Power
 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 30A
 Voltage - Maximum 250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Sales Drawing SD-172045-1001



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[172045Series](#)

Mates With

[172047 EXTreme OrthoPower™ Orthogonal Receptacle](#)