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Part Number: [1720451001](#)
Status: **Active**
Overview: [EXTreme OrthoPower Orthogonal Direct-Power Connector System](#)
Description: [EXTreme OrthoPower Orthogonal Plug, 2 Blade, Circuit 1 Contact Length 7.61mm, PC Tail Length 3.26mm](#)

Documents:

3D Model	Application Specification AS-46436-100-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-172047-1001-001 (PDF)	

Agency Certification

UL E29179

Application tooling part link

Application Tooling Part Link 62201-8886

General

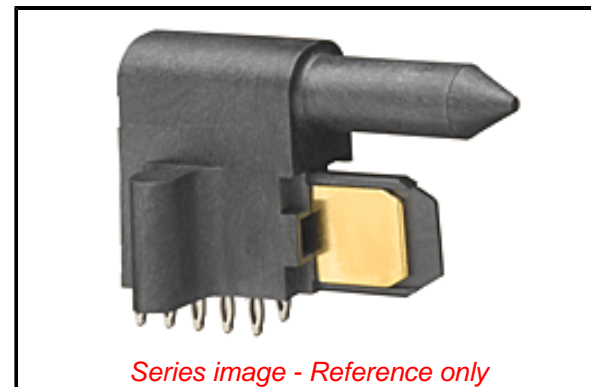
Product Family	PCB Headers
Series	172045
Application	Power
Overview	EXTreme OrthoPower Orthogonal Direct-Power Connector System
Product Name	EXTreme OrthoPower
UPC	887191431000

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	4.538/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.26mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Packaging Type	Tray
Pitch - Mating Interface	N/A
Pitch - Termination Interface	3.50mm
Plating min - Mating	0.762µm
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[172045](#) Series

Mates With

EXTreme OrthoPower Orthogonal Receptacle [172047](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Press-In Insertion Tool for EXTreme OrthoPower Plug Assemblies	622018886

Solder Process Data

Lead-free Process Capability

N/A

Material Info**Reference - Drawing Numbers**

Application Specification

AS-46436-100-001

Product Specification

PS-172047-1001-001

Sales Drawing

SD-172045-1001-001

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