

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1720451001

Status:

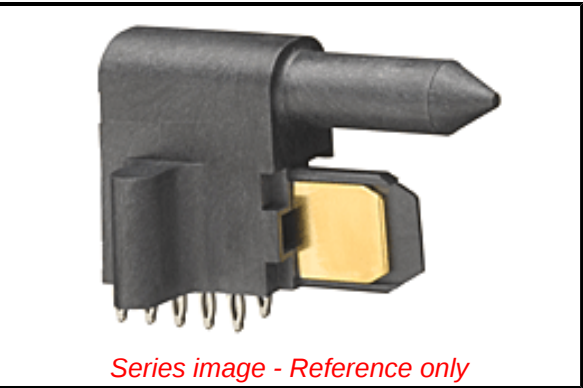
Active

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	Board-to-Board, Power
Overview	EXTreme OrthoPower Orthogonal Direct-Power Connector System
Product Name	EXTreme OrthoPower
Taxonomy	Board-to-Board Connectors
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

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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

Voltage - Maximum	250V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess 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

This document was generated on 09/01/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION