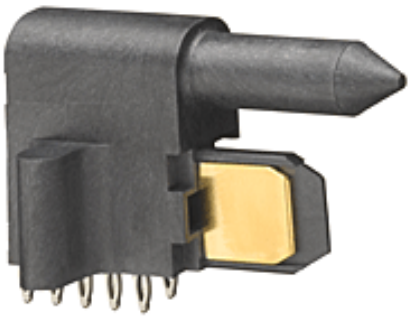
molex
one company > a world of innovation

This document was generated on 03/07/2016

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, PC Tail Length 3.26mm



Series image - Reference only

Documents:
3D Model
Drawing (PDF)
RoHS Certificate of Compliance (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	

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per -ED/79/2015 (17 December 2015)

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

Search Parts in this Series
172045 Series

Mates With
172047 EXTreme OrthoPower™ Orthogonal Receptacle

This document was generated on 03/07/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION