Part Number : 1720471001

Product Description : EXTreme OrthoPower Orthogonal Receptacle, 2 Blade, Circuit 1 Tail Length 3.60mm, Circuit 2 Tail Length 3.35mm

Series Number : 172047

Status : Active

Product Category : Board-to-Board Connectors

Documents & Resources

Drawings

Drawing 1720471001_sd.pdf

Packaging Design Drawing PK-172047-1001-001.pdf

3D Models and Design Files

3D Model 1720471001_stp.zip

Specifications

Product Specification PS-172047-1001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	172047
Description	EXTreme OrthoPower Orthogonal Receptacle, 2 Blade, Circuit 1 Tail Length 3.60mm, Circuit 2 Tail Length 3.35mm
Application	Power
Component Type	PCB Receptacle
Product Family	EXTreme OrthoPower Orthogonal Direct-Power Connector System
Product Name	EXTreme OrthoPower
UPC	887191432014

Agency

UL	E29179

Electrical

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

Physical

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
Keying to Mating Part	None
Material - Metal	Copper Alloy

Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.584/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	3.35mm, 3.60mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	2.36mm
Pitch - Mating Interface	N/A
Pitch - Termination Interface	2.50mm
Plating min - Mating	0.762µm
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme OrthoPower Orthogonal Plugs	172045