



Part Number : 1710888402

Series Number : 171088

Product Category : Board-to-Board
Connectors

Product Description : EXTreme Ten60Power
Right-Angle Plug with Guides, 2 Split Power
Circuit, Press Fit Tail

Status : Active

Documents & Resources

Drawings

Drawing 1710888402_sd.pdf

3D Models and Design Files


3D Model 1710888402_stp.zip

Specifications

Product Specification PS-171088-0000-001.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)

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	171088
Description	EXTreme Ten60Power Right-Angle Plug with Guides, 2 Split Power Circuit, Press Fit Tail
Application	Board-to-Board, Power
Component Type	PCB Header
Product Family	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
UPC	195842726062

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	30.0A
Voltage - Maximum	600V

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Side, Yes
Keying to Mating Part	None
Lock to Mating Part	No

Mated Height	10.00mm
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	8.968/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	3.28mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	8.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	2sp - 0s
Shrouded	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme Ten60Power Vertical Receptacle with Guides, 2 Split Power Circuit, Press Fit Tail	<u>1710898402</u>
EXTreme Ten60Power Right-Angle Receptacle with Guides, 2 Split Power Circuit, Press Fit Tail	<u>1710908402</u>