Part Number : 1710888416

Product Description : EXTreme Ten60Power Right-Angle Plug with Guides, 1 Split Power Circuit, 30 Signal Circuits, Press Fit Tail

Series Number : 171088

Status : Active

Product Category : Board-to-Board Connectors

Engineering Number : 171088-8406

Documents & Resources

Drawings

Drawing_1710888416_sd.pdf

3D Models and Design Files

3D Model_1710888416_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)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	171088
Description	EXTreme Ten60Power Right-Angle Plug with Guides, 1 Split Power Circuit, 30 Signal Circuits, Press Fit Tail
Application	Board-to-Board, Power, Signal
Component Type	PCB Header
Product Family	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
UPC	195842727137

Agency

UL	E29179

Electrical

Current - Maximum per Contact	2.5A, 30.0A
Voltage - Maximum	600V

Physical

Breakaway	No
Circuits (Loaded)	31
Circuits (maximum)	31
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	10.787/g
Number of Rows	1, 5
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.50mm, 3.28mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	2.00mm, 8.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	1sp - 30s
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, 1 Split Power Circuit, 30 Signal Circuits, Press Fit Tail	1710898416
EXTreme Ten60Power Right-Angle Receptacle with Guides, 1 Split Power Circuit, 30 Signal Circuits, Press Fit Tail	1710908416