Part Number : 464379328

Product Description : EXTreme Ten60Power Right-Angle Plug with Side Guides, 3 DC Power Circuits, 30 Signal Circuits, 3 DC Power Circuits, Press Fit Tail

Series Number : 46437

Status : Active

Product Category : Board-to-Board Connectors

Documents & Resources

Drawings

Drawing_464379328_sd.pdf

Packaging Design Drawing_464371001-PK-000.pdf

3D Models and Design Files

3D Model_464379328_stp.zip

Specifications

Product Specification_PS-46436-100-001.pdf

Test Summary_464361000-TS-000.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	46437
Description	EXTreme Ten60Power Right-Angle Plug with Side Guides, 3 DC Power Circuits, 30 Signal Circuits, 3 DC Power Circuits, Press Fit Tail
Application	Board-to-Board, Power, Signal
Comments	See Product Specification for details
Component Type	PCB Header
Product Family	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
UPC	195842667815

Agency

UL	E29179

Electrical

Current - Maximum per Contact	60.0A
Voltage - Maximum	600V AC / 250V DC

Physical

Breakaway	No
Circuits (Loaded)	36
Circuits (maximum)	36
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	22.535/g
Number of Rows	1, 5
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.50mm, 3.28mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	2.00mm, 5.50mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	3p - 30s - 3p
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 Right-Angle Receptacle with Side Guides, 3 DC Power Circuits, 30 Signal Circuits, 3 DC Power Circuits, Press Fit Tail	464369328

EXTreme Ten60Power Vertical Receptacle with Side Guides, 3 DC Power Circuits, 30 Signal Circuits, 3 DC Power Circuits, Press Fit Tail	465629328

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