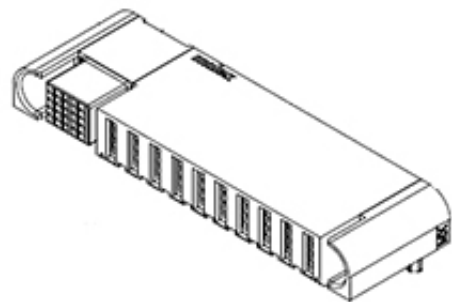




Part Number : [464361470](#)
Product Description : EXTreme Ten60Power
Right-Angle Receptacle with Side Guides, 25
Signal Circuits, 10 DC Power Circuits
Series Number : 46436
Status : Active
Product Category : Board-to-Board
Connectors



Documents & Resources

Drawings

[Drawing 464361470_sd.pdf](#)
[Packaging Design Drawing PK-46436-001-000.pdf](#)

3D Models and Design Files


[3D Model 464361470_stp.zip](#)

Specifications

[Product Specification PS-46436-100-001.pdf](#)
[Test Summary 464361000-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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	46436
Description	EXTreme Ten60Power Right-Angle Receptacle with Side Guides, 25 Signal Circuits, 10 DC Power Circuits
Application	Board-to-Board, Power, Signal
Comments	See Product Specification for details
Component Type	PCB Receptacle
Product Family	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
UPC	887191367293

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	4.5A, 60.0A
Grounding to PCB	No
Voltage - Maximum	600V AC / 250V DC

Physical

Circuits (Loaded)	35
Circuits (maximum)	35
Color - Resin	Black

Durability (mating cycles max)	200
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	35.598/g
Number of Rows	1, 5
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.84mm
PCB Locator	Yes
PCB Retention	None
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	10p - 25s
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	40
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.00mm, 5.50mm Pitch EXTreme Ten60Power Right-Angle Plug, 25 Signal Circuits, 10 DC Power Circuits	<u>0464371470</u>