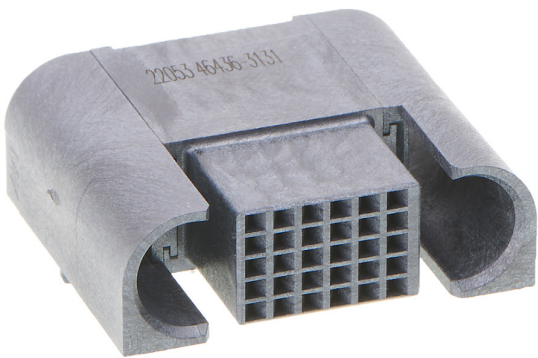




Part Number : [464363131](#)
Product Description : EXTreme Ten60Power
Right-Angle Receptacle with Side Guides, 30
Signal Circuits, Press Fit Tail
Series Number : 46436
Status : Active
Product Category : Board-to-Board
Connectors
Engineering Number : 046436-3131



Documents & Resources

Drawings

[Drawing 464363131_sd.pdf](#)
[Packaging Design Drawing 464361001-PK-000.pdf](#)
[Packaging Design Drawing PK-46436-001-000.pdf](#)

3D Models and Design Files

[3D Model 464363131_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, 30 Signal Circuits, Press Fit Tail
Application	Board-to-Board, Signal
Comments	See Product Specification for details
Component Type	PCB Receptacle
Product Family	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
UPC	193264606641

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	4.5A
Grounding to PCB	No
Voltage - Maximum	120V

Physical

Circuits (Loaded)	30
Circuits (maximum)	30
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	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	7.839/g
Number of Rows	5
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	0p - 30s
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 Plug with Side Guides, 30 Signal Circuits, Press Fit Tail	<u>0464373131</u>