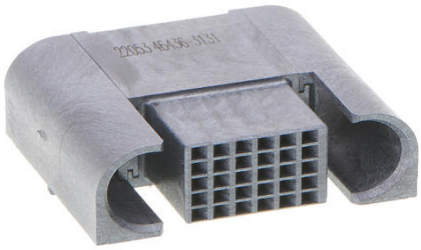
Part Number : 464363131
Product Description : EXTreme Ten60Power Right-Angle Receptacle with Side Guides, 30 Signal Circuits, Press Fit Tail
Series Number : 46436
Status : Active
Product Category : Board-to-Board Connectors
Engineering Part Number : 046436-3131



Documents and Resources

Drawings

464363131_sd.pdf

464361001-PK-000.pdf

PK-46436-001-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-46436-100-001.pdf

464361000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)

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EU RoHS	Compliant per EU 2015/863

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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	Receptacle
Keyword	Ten60
Product Name	EXTreme Ten60Power
UPC	193264606641

Agency

CSA	LR19980
UL	E29179

Electrical

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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	No
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
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm
PC Tail Length	2.50mm
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

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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	464373131

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