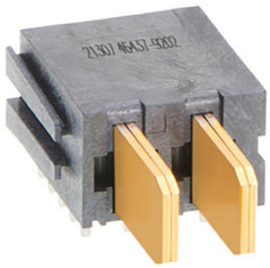
Part Number : 464379202
Product Description : EXTreme Ten60Power Right-Angle Plug without Guides, 2 DC Power Circuit, Press Fit Tail
Series Number : 46437
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

464379202_sd.pdf

PK-46437-001-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

AS-46436-100-001.pdf

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)6375-DC (05 Nov 2025) SCIP:e26ed824-ff27-460b-82c9-2fc97ea22ab7

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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	46437
Description	EXTreme Ten60Power Right-Angle Plug without Guides, 2 DC Power Circuit, Press Fit Tail
Application	Board-to-Board, Power
Comments	See Product Specification for details
Component Type	PCB Header, Plug
Keyword	Ten60
Product Name	EXTreme Ten60Power
UPC	884982403253

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	10.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	6.206/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm
PC Tail Length	3.28mm
Pitch - Mating Interface	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	2p - 0s
Stackable	No

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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 without Guides, 2 DC Power Circuit, Press Fit Tail	464369202
EXTreme Ten60Power Vertical Receptacle without Guides, 2 DC Power Circuit, Press Fit Tail	465629202

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