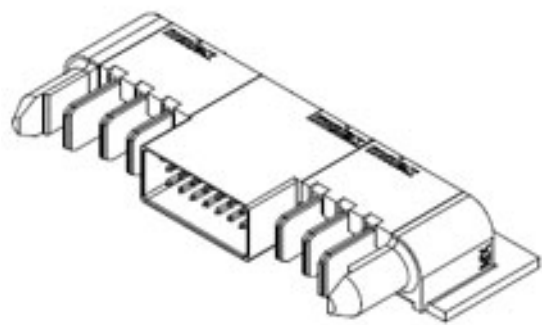




Part Number : [464373007](#)
Product Description : 2.54mm. 5.50mm Pitch
EXTreme Ten60Power Right-Angle Plug
Assembly with Guide Pins, 3 DC Power
Circuits, 24 Signal Circuits, 3 DC Power
Circuits
Series Number : 46437
Status : Active
Product Category : Board-to-Board
Connectors



Documents & Resources

Drawings
[464373007_sd.pdf](#)
[PK-46437-001-000.pdf](#)

3D Models and Design Files
[464373007_stp.zip](#)

Specifications
[PS-46436-100-001.pdf](#)
[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(2024)6225-DC (07 Nov 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	2.54mm. 5.50mm Pitch EXTreme Ten60Power Right-Angle Plug Assembly with Guide Pins, 3 DC Power Circuits, 24 Signal Circuits, 3 DC Power Circuits
Application	Board-to-Board, Power, Signal
Comments	See PS-46436-100 for details
Component Type	PCB Header
Keyword	Ten60
Product Name	EXTreme Ten60Power
UPC	883906918033

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.5A, 60.0A
Voltage - Maximum	600V AC / 250V DC

Physical

Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30

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	None
Mated Height	18.00mm
Material - Metal	Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	24.435/g
Number of Rows	1, 3
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	2.54mm, 5.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	3p - 24s - 3p
Shrouded	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
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EXTreme Ten60Power Right-Angle Receptacle with Side Guides, 24 Signal Circuits, 6 Power Circuits	<u>464363007</u>
2.54mm, 5.50mm Pitch EXTreme Ten60Power Vertical Receptacle Assembly with Guide Receivers, 24 Signal Circuits, 6 Power Circuits	<u>465623007</u>

This document was generated on Feb 27, 2025