



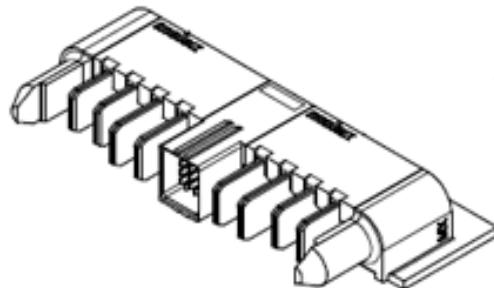
**Part Number :** 464371315

**Product Description :** 2.00mm, 5.50mm Pitch EXTreme Ten60Power Right-Angle Plug Assembly with Guide Pins, 4 Power Circuits, 15 Signal Circuits, 4 Power Circuits

**Series Number :** 46437

**Status :** Active

**Product Category :** Board-to-Board Connectors



## Documents & Resources

### Drawings

[Drawing 464371315\\_sd.pdf](#)

### Specifications

[Application Specification AS-46436-100-001.pdf](#)

[Product Specification PS-46436-100-001.pdf](#)

[Test Summary 464361000-TS-000.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
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

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### Part Details

#### General

Status	Active
Category	Board-to-Board Connectors
Series	46437
Description	2.00mm, 5.50mm Pitch EXTreme Ten60Power Right-Angle Plug Assembly with Guide Pins, 4 Power Circuits, 15 Signal Circuits, 4 Power Circuits
Application	Board-to-Board, Power, Signal
Comments	See PS-46436-100 for details
Component Type	PCB Header
Product Family	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
UPC	887191123066

#### 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)	23
Circuits (maximum)	23
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	No
Mated Height	10.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	28.633/g
Number of Rows	1, 5
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.50mm, 3.28mm
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	2.00mm, 5.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	4p - 15s - 4p
Shrouded	No
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

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
2.00mm, 2.50mm, 5.50mm Pitch EXTreme Ten60Power Vertical Receptacle with Guides, 4 DC Power Circuits, 15 HD Signal Circuits, 4 DC Power Circuits	<u>0465621232</u>

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