

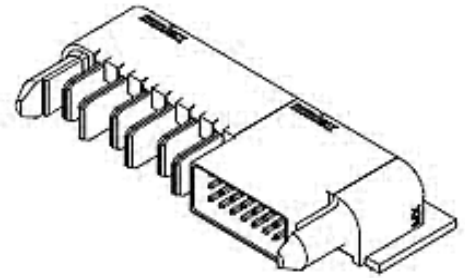
**Part Number :** [464371003](#)

**Product Description :** 2.54mm, 5.50mm Pitch  
EXTreme Ten60Power Right-Angle Plug Assembly with  
Guide Pins, 24 Signal Circuits, 6 Power Circuits

**Series Number :** 46437

**Status :** Active

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



---

## Documents & Resources

### Drawings

[464371003\\_sd.pdf](#)

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

[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)4165-DC (25 June 2025)
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	2.54mm, 5.50mm Pitch EXTreme Ten60Power Right-Angle Plug Assembly with Guide Pins, 24 Signal Circuits, 6 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	800756953847

**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	23.629/g
Number of Rows	1, 3
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.58mm
PC Tail Length	2.84mm
Pitch - Mating Interface	2.54mm, 5.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	6p - 24s
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

---

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
EXTreme Ten60Power Right-Angle Receptacle with Side Guides, 24 Signal Circuits, 6 Power Circuits	<u>464361003</u>
2.54mm, 5.50mm Pitch EXTreme Ten60Power Vertical Receptacle Assembly with Guide Receivers, 24 Signal Circuits, 6 Power Circuits	<u>465621003</u>

---

This document was generated on Sep 24, 2025