

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0464373101**
Status: **Active**
Overview: EXTreme Ten60Power™ High-Current Connector
Description: 2.00mm, 3.00mm, 5.50mm Pitch EXTreme Ten60Power™ Right Angle Plug Assembly with Guide Pins, 4 DC Power Circuits, 25 Signal Circuits

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-46436-100-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-46437-001-001 (PDF) |
| Product Specification PS-46436-100-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

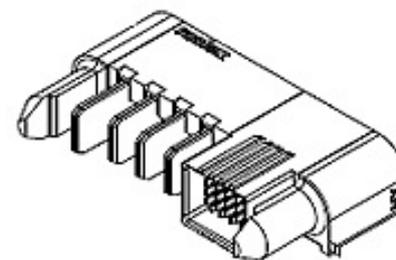
| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 46437 |
| Application | Board-to-Board, Power, Signal |
| Comments | See PS-46436-100 for details |
| Overview | EXTreme Ten60Power™ High-Current Connector |
| Product Name | EXTreme Ten60Power™ |
| UPC | 884982577619 |

Physical

| | |
|--------------------------------|--------------------------------|
| (p)ower-(s)ignal Configuration | 4p - 25s |
| Breakaway | No |
| Circuits (Loaded) | 29 |
| Circuits (maximum) | 29 |
| Color - Resin | Black |
| Durability (mating cycles max) | 200 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Compliant | No |
| Guide to Mating Part | Yes |
| Keying to Mating Part | None |
| Lock to Mating Part | No |
| Mated Height | 18.00mm |
| Material - Metal | Copper |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 18.094/g |
| Number of Rows | 1, 5 |
| Orientation | Right Angle |
| PC Tail Length | 2.84mm |
| PCB Locator | Yes |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.58mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 2.00mm, 3.00mm, 5.50mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | No |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40°C to +105°C |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[46437 Series](#)

Mates With

[46436-3101](#) , [46563-3101](#) EXTreme Ten60Power™ Receptacle

Termination Interface: Style Through Hole - Compliant Pin

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 040
Lead-free Process Capability SMC&WAVE
Max. Cycles at Max. Process Temperature 003
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Application Specification AS-46436-100-001
Packaging Specification PK-46437-001-001
Product Specification PS-46436-100-001
Sales Drawing SD-46437-3101

This document was generated on 03/30/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION