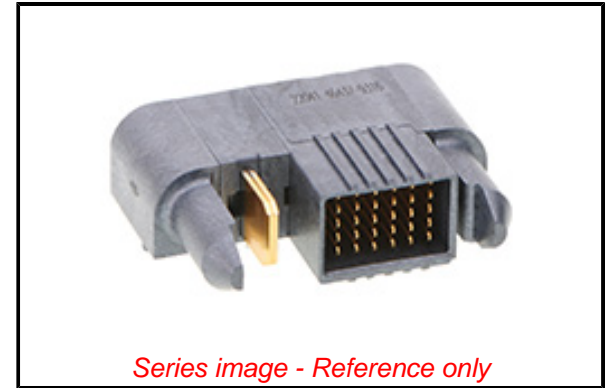


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0464379316](#)
Status: **Active**
Overview: [EXTreme Ten60 High-Power Connectors](#)
Description: EXTreme Ten60Power Right-Angle Plug with Side Guides, 1 DC Power Circuit, 30 Signal Circuits, Press Fit Tail

Documents:

| | |
|--------------------------------------------------------------|----------------------------------------------------------------|
| 3D Model | Packaging Specification 464371001-PK-000 (PDF) |
| Drawing (PDF) | Test Summary 464361000-TS-000 (PDF) |
| 3D Model (PDF) | Datasheet (PDF) |
| Product Specification PS-46436-100-001 (PDF) | RoHS Certificate of Compliance (PDF) |



Series image - Reference only

Agency Certification

UL E29179

General

| | |
|----------------|-----------------------------------------------------|
| Product Family | PCB Headers |
| Series | 46437 |
| Application | Board-to-Board, Power, Signal |
| Comments | See Product Specification for details |
| Overview | EXTreme Ten60 High-Power Connectors |
| Product Name | EXTreme Ten60Power |
| UPC | 195842665200 |

Physical

| | |
|--------------------------------|--------------------------|
| (p)ower-(s)ignal Configuration | 1p - 30s |
| Breakaway | No |
| Circuits (Loaded) | 31 |
| Circuits (maximum) | 31 |
| 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 | High Conductivity Copper |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 10.582/g |
| Number of Rows | 1, 5 |
| Orientation | Right Angle |
| PC Tail Length | 2.50mm, 3.28mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.58mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 2.00mm, 5.50mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 2.540µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)10043-DC (17
Jan 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[46437](#) Series

Mates With

EXTreme Ten60Power Right-Angle Receptacle [464369316](#) . EXTreme Ten60Power Vertical Receptacle [465629316](#)

Temperature Range - Operating -40° to +105°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification 464371001-PK-000
Product Specification PS-46436-100-001
Sales Drawing 464379320-000
Test Summary 464361000-TS-000

This document was generated on 06/01/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION