



Part Number : 464369322

Series Number : 46436

Product Category : Board-to-Board
Connectors

Product Description : EXTreme Ten60Power
Right-Angle Receptacle with Side Guides, 2 DC
Power Circuits, 15 Signal Circuits, 2 DC Power
Circuits, Press Fit Tail

Status : Active

Documents & Resources

Drawings

Drawing 464369322_sd.pdf

Packaging Design Drawing 464361001-PK-000.pdf

3D Models and Design Files

3D Model 464369322_stp.zip


Specifications

Product Specification PS-46436-100-001.pdf

Test Summary 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(2023)8585-DC (23 Jan 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 | 46436 |
| Description | EXTreme Ten60Power Right-Angle Receptacle with Side Guides, 2 DC Power Circuits, 15 Signal Circuits, 2 DC Power Circuits, Press Fit Tail |
| Application | Board-to-Board, Power, Signal |
| Comments | See Product Specification for details |
| Component Type | PCB Receptacle |
| Product Family | EXTreme Ten60 High-Power Connectors |
| Product Name | EXTreme Ten60Power |
| UPC | 195842670891 |

Agency

| | |
|----|--------|
| UL | E29179 |
|----|--------|

Electrical

| | |
|-------------------------------|-------------------|
| Current - Maximum per Contact | 60.0A |
| Grounding to PCB | No |
| Voltage - Maximum | 600V AC / 250V DC |

Physical

| | |
|--------------------------------|-------|
| Circuits (Loaded) | 19 |
| Circuits (maximum) | 19 |
| Color - Resin | Black |
| Durability (mating cycles max) | 200 |

| | |
|--------------------------------|------------------------------|
| 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 | 18.198/g |
| Number of Rows | 1, 5 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| PC Tail Length | 2.50mm, 3.28mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.58mm |
| 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 |
| (p)ower-(s)ignal Configuration | 2p - 15s - 2p |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole - Compliant Pin |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|--|------------------|
| EXTreme Ten60Power Right-Angle Plug with Side Guides, 2 DC Power Circuits, 15 Signal Circuits, 2 DC Power Circuits, Press Fit Tail | <u>464379322</u> |

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