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Part Number: [0464371084](#)
Status: **Active**
Overview: EXTreme Ten60Power High-Current Connector
Description: 2.54mm, 5.50mm, 7.50mm Pitch EXTreme Ten60Power Right-Angle Plug Assembly with Guide Pins, 24 Signal Circuits, 4 DC Power Circuits, 3 AC Power Circuits

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-46436-100-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-46437-001-000 (PDF) |
| Product Specification PS-46436-100-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

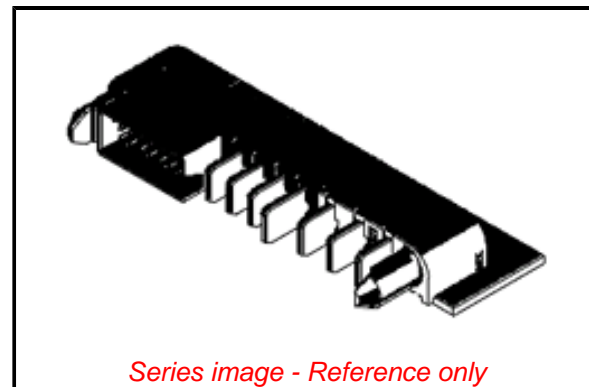
| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

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 | 884982045415 |

Physical

| | |
|--------------------------------|--------------------------------|
| (p)ower-(s)ignal Configuration | 3p - 4p - 24s |
| 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 | 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 | 40.000/g |
| Number of Rows | 1, 3 |
| 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 | 2.54mm, 5.50mm, 7.50mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | No |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40° to +105°C |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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

[46562-1084](#) EXTreme Ten60Power
Receptacle

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

2.5A, 60.0A

Voltage - Maximum

600V AC / 250V DC

Material Info

Reference - Drawing Numbers

Application Specification

AS-46436-100-001

Packaging Specification

PK-46437-001-000

Product Specification

PS-46436-100-001

Sales Drawing

SD-46437-1084

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