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Part Number: [0465623001](#)
Status: **Active**
Overview: [EXTreme Ten60Power High-Current Connector](#)
Description: 2.54mm, 5.50mm Pitch EXTreme Ten60Power Vertical Receptacle Assembly with Guide Receivers, 24 Signal Circuits, 4 Power Circuits

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-46436-100-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-46562-002-000 (PDF) |
| Product Specification PS-46436-100-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

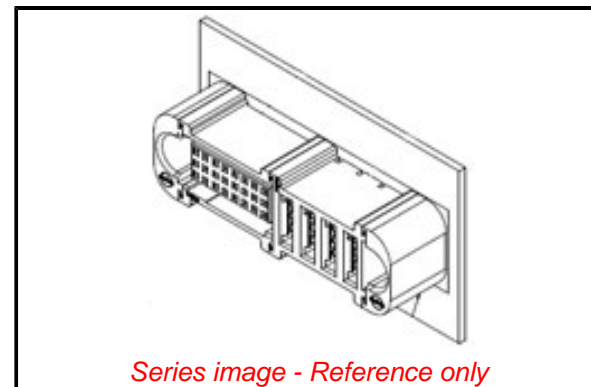
| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|-------------------------------|---|
| Product Family | PCB Receptacles |
| Series | 46562 |
| Application | Board-to-Board, Power, Signal |
| Application Tooling Part Link | 62100-7800 |
| Application Tooling Part Link | 62100-7900 |
| Comments | See PS-46436-100 for details |
| Overview | EXTreme Ten60Power High-Current Connector |
| Product Name | EXTreme Ten60Power |
| UPC | 883906923983 |

Physical

| | |
|--------------------------------|--------------------------------|
| (p)ower-(s)ignal Configuration | 4p - 24s |
| Circuits (Loaded) | 28 |
| Circuits (maximum) | 28 |
| Color - Resin | Black |
| Durability (mating cycles max) | 200 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Guide to Mating Part | Yes |
| Keying to Mating Part | None |
| Lock to Mating Part | No |
| Material - Metal | Copper |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 18.882/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.58mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 2.54mm, 5.50mm |
| Plating min - Mating | 0.127µm |
| Plating min - Termination | 2.540µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Through Hole - Compliant Pin |



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
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

[46562](#) Series

Mates With

[46437-3001](#) EXTreme Ten60Power Right Angle Plug Assembly

Electrical

| | |
|-------------------------------|-------------------|
| Current - Maximum per Contact | 2.5A, 55.0A |
| Grounding to PCB | No |
| Voltage - Maximum | 600V AC / 250V DC |

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|------------------|
| Application Specification | AS-46436-100-001 |
| Packaging Specification | PK-46562-002-000 |
| Product Specification | PS-46436-100-001 |
| Sales Drawing | SD-46562-301 |

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