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Part Number: [0465629321](#)
Status: **Active**
Overview: EXTreme Ten60 High-Power Connectors
Description: EXTreme Ten60Power Vertical Receptacle with Side Guides, 1 DC Power Circuit, 15 Signal Circuits, 1 DC Power Circuit, Press Fit Tail

Documents:

| | |
|--|--|
| 3D Model | Packaging Specification 465621001-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

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 46562 |
| Application | Board-to-Board, Power, Signal |
| Comments | See Product Specification for details |
| Component Type | PCB Receptacle |
| Overview | EXTreme Ten60 High-Power Connectors |
| Product Name | EXTreme Ten60Power |
| Taxonomy | Board-to-Board Connectors |
| UPC | 195842673090 |

Physical

| | |
|--------------------------------|------------------------------|
| (p)ower-(s)ignal Configuration | 1p - 15s - 1p |
| Circuits (Loaded) | 17 |
| Circuits (maximum) | 17 |
| Color - Resin | Black |
| Durability (mating cycles max) | 200 |
| Glow-Wire Capable | No |
| Guide to Mating Part | Side, Yes |
| Keying to Mating Part | None |
| Lock to Mating Part | No |
| Material - Metal | High Conductivity Copper |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 12.189/g |
| Number of Rows | 1, 5 |
| Orientation | Vertical |
| PC Tail Length | 2.50mm, 3.28mm |
| PCB Locator | No |
| 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 |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Through Hole - Compliant Pin |

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 60.0A |
|-------------------------------|-------|

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 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

[46562 Series](#)

Mates With

[EXTreme Ten60Power Right-Angle Plug
464379321](#)

Grounding to PCB
Voltage - Maximum

No
600V AC / 250V DC

Material Info

Reference - Drawing Numbers

Packaging Specification

465621001-PK-000

Product Specification

PS-46436-100-001

Sales Drawing

465629330-000

Test Summary

464361000-TS-000

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