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Part Number: [46436-3010](#)
Status: **Active**
Overview: EXTreme Ten60Power™ High-Current Connector
Description: 2.54mm, 5.50mm, 7.50mm Pitch EXTreme Ten60Power™ Right Angle Receptacle with Guide Receivers, 24 Signal Circuits, 7 Power Circuits

Documents:

[3D Model](#) [Application Specification AS-46436-100 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-46436-100 \(PDF\)](#)

Agency Certification

| | |
|-----|-----------|
| CSA | LR19980 |
| TUV | R72081037 |
| UL | E29179 |

General

| | |
|----------------|--|
| Product Family | PCB Receptacles |
| Series | 46436 |
| Application | Board-to-Board, Power, Signal |
| Comments | See PS-46436-100 for details |
| Overview | EXTreme Ten60Power™ High-Current Connector |
| Product Name | EXTreme Ten60Power™ |
| UPC | 883906918897 |

Physical

| | |
|--------------------------------|--------------------------------|
| (p)ower-(s)ignal Configuration | 7p - 24s |
| Circuits (Loaded) | 31 |
| Circuits (maximum) | 31 |
| Color - Resin | Black |
| Durability (mating cycles max) | 200 |
| Flammability | 94V-0 |
| Glow-Wire Compliant | 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 | 20.000/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.58mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 2.54mm, 5.50mm, 7.50mm |
| 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°C to +105°C |
| Termination Interface: Style | Through Hole |

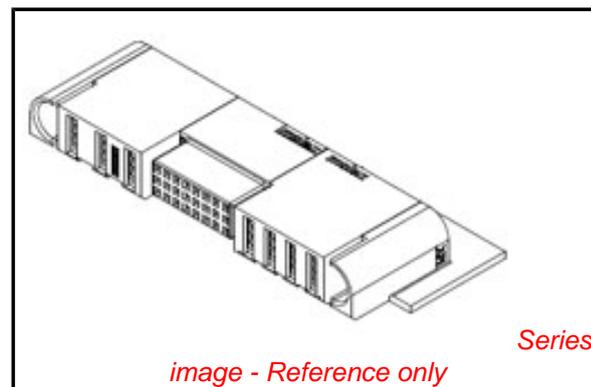


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EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[46436Series](#)

Mates With

[46437-3010 EXTreme Ten60Power™ Right Angle Plug Assembly](#)

Electrical

| | |
|-------------------------------|-------------------|
| Current - Maximum per Contact | 2.5A, 55A |
| Grounding to PCB | No |
| Voltage - Maximum | 600V AC / 250V DC |

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|--------------|
| Application Specification | AS-46436-100 |
| Product Specification | PS-46436-100 |
| Sales Drawing | SD-46436-310 |

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