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Part Number: [0464371003](#)
Status: **Active**
Overview: EXTreme Ten60Power High-Current Connector
Description: 2.54mm, 5.50mm Pitch EXTreme Ten60Power Right Angle Plug Assembly with Guide Pins, 24 Signal Circuits, 6 Power Circuits

Documents:

[Drawing \(PDF\)](#) [Application Specification AS-46436-100-001 \(PDF\)](#)
[Product Specification PS-46436-100-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

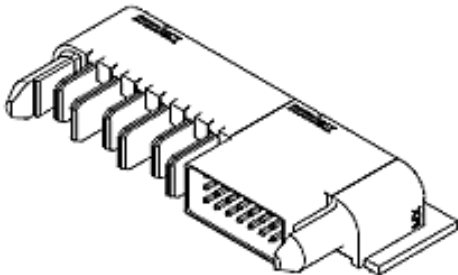
CSA LR19980
UL E29179

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 800756953847

Physical

(p)ower-(s)ignal Configuration 6p - 24s
Breakaway No
Circuits (Loaded) 30
Circuits (maximum) 30
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 23.629/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
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded No
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series

[46437](#) Series

Mates With

[46562-1003](#) EXTreme Ten60Power
Vertical Receptacle, [46436-1003](#) EXTreme
Ten60Power Right Angle Receptacle

Electrical

Current - Maximum per Contact	2.5A, 60.0A
Voltage - Maximum	600V AC / 250V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-46436-100-001
Product Specification	PS-46436-100-001
Sales Drawing	SD-46437-103

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