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Part Number: [0464371006](#)
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, 10 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

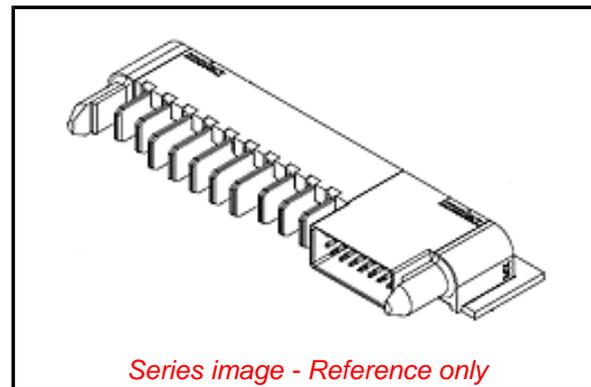
CSA LR19980
TUV R72081037
UL E29179

General

Product Family PCB 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 800756940953

Physical

(p)ower-(s)ignal Configuration 10p - 24s
Breakaway No
Circuits (Loaded) 34
Circuits (maximum) 34
Color - Resin Black
Durability (mating cycles max) 200
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant 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 29.930/g
Number of Rows 1
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[46437](#) Series

Mates With

[46562-1000](#) EXTreme Ten60Power™ Vertical Receptacle, [46436-1006](#) EXTreme Ten60Power™ Right Angle Receptacle

Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole - Compliant Pin

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
Product Specification PS-46436-100
Sales Drawing SD-46437-1006

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