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Part Number: [46437-3101](#)
Status: **Active**
Overview: EXTreme Ten60Power™ High-Current Connector
Description: 2.00mm, 3.00mm, 5.50mm Pitch EXTreme Ten60Power™ Right Angle Plug Assembly with Guide Pins, 4 DC Power Circuits, 25 Signal 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

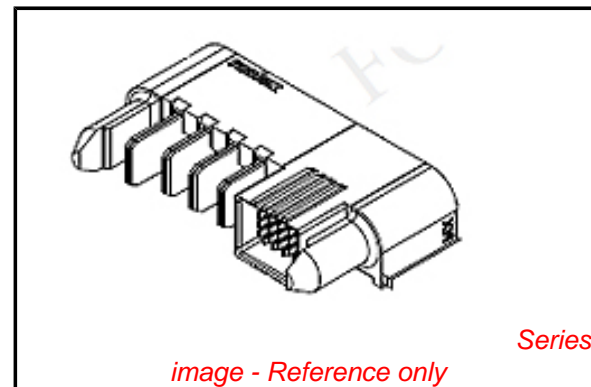
CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [46437](#)
 Application Board-to-Board, Power
 Comments See PS-46436-100 for details
 Overview [EXTreme Ten60Power™ High-Current Connector](#)
 Product Name EXTreme Ten60Power™
 UPC 884982577619

Physical

(p)ower-(s)ignal Configuration 4p - 25s
 Breakaway No
 Circuits (Loaded) 29
 Circuits (maximum) 29
 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 18.094/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 2.00mm, 3.00mm, 5.50mm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Shrouded No
 Stackable No
 Surface Mount Compatible (SMC) No



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No
Low-Halogen Status
Low-Halogen

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

[46437Series](#)

Mates With

46436-3101 , 46563-3101 EXTreme Ten60Power™ Receptacle

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

Electrical

Current - Maximum per Contact 2.5A, 60A
Voltage - Maximum 600V AC / 250V DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 40
Lead-free Process Capability SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 3
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Application Specification AS-46436-100
Product Specification PS-46436-100
Sales Drawing SD-46437-3101

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