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Part Number: [46437-1044](#)
Status: **Active**
Overview: EXTreme Ten60Power™ High-Current Connector
Description: 2.00mm, 5.50mm Pitch EXTreme Ten60Power™ Right Angle Plug Assembly with Guide Pins, 2 Power Circuits, 25 Signal Circuits

Documents:

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

Agency Certification

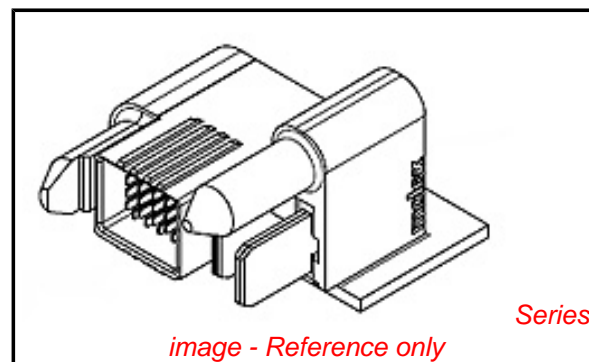
CSA LR19980
 UL E29179

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 884982559844

Physical

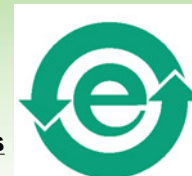
(p)ower-(s)ignal Configuration 2p - 25s
 Breakaway No
 Circuits (Loaded) 27
 Circuits (maximum) 27
 Color - Resin Black
 Durability (mating cycles max) 200
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part Yes
 Keying to Mating Part None
 Lock to Mating Part No
 Mated Height 18.00mm
 Material - Metal Copper
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 1.000/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 2.50mm, 3.25mm
 PCB Locator Yes
 PCB Retention None
 PCB Thickness - Recommended 1.58mm
 Packaging Type Tray
 Pitch - Mating Interface 2.00mm, 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



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

[46437Series](#)

Mates With

[46562-1044](#) EXTreme Ten60Power™
 Receptacle

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

2.5A, 60A

Voltage - Maximum

600V AC / 250V DC

Material Info

Reference - Drawing Numbers

Application Specification

AS-46436-100

Product Specification

PS-46436-100

Sales Drawing

SD-46437-1044

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