

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

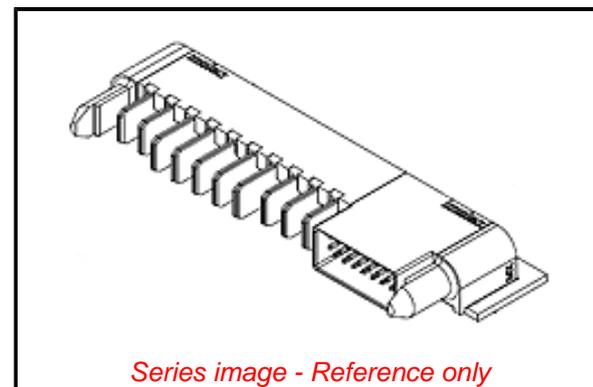
CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [46437](#)
 3D Viewer Yes
 Application Board-to-Board, Power, Signal
 CURRENT-MAX-NUMERIC 2.5, 60.0
 Comments See PS-46436-100 for details, See PS-46436-100 for details
 Overview [EXTreme Ten60Power High-Current Connector](#)
 PITCH-MATING-NUMERIC 2.54, 5.50
 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 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 29.930/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[46437 Series](#)

Mates With

[465621000](#) EXTreme Ten60Power Vertical Receptacle, [464361006](#) EXTreme Ten60Power Right Angle Receptacle

Stackable
Surface Mount Compatible (SMC)
Temperature Range - Operating
Termination Interface: Style

No
No
-40° to +105°C
Through Hole

Electrical

Current - Maximum per Contact
Voltage - Maximum

2.5A, 60.0A
600V AC / 250V DC

Material Info

This document was generated on 10/03/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[46437-1006](#)