

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0464371044](#)
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 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Datasheet \(PDF\)](#)

Agency Certification

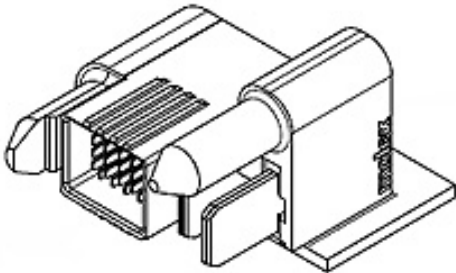
CSA LR19980
UL E29179

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 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 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 12.566/g
Number of Rows 1, 5
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° to +105°C
Termination Interface: Style Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

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

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series

[46437](#) Series

Mates With

[465621044](#) EXTreme Ten60Power
Receptacle

Electrical

Current - Maximum per Contact
Voltage - Maximum

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

Material Info

This document was generated on 07/23/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION