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Part Number: [0464371315](#)
Status: **Active**
Overview: [EXTreme Ten60Power High-Current Connector](#)
Description: 2.00mm, 5.50mm Pitch EXTreme Ten60Power Right-Angle Plug Assembly with Guide Pins, 4 Power Circuits, 15 Signal Circuits, 4 Power Circuits

Documents:

Drawing (PDF)	Test Summary 464361000-TS-000 (PDF)
Product Specification PS-46436-100-001 (PDF)	Datasheet (PDF)
Application Specification AS-46436-100-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

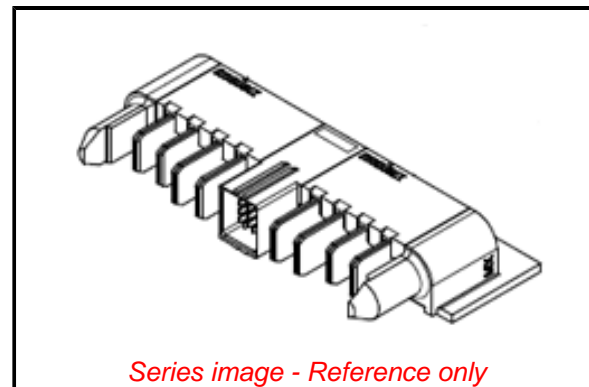
CSA	LR19980
UL	E29179

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	887191123066

Physical

(p)ower-(s)ignal Configuration	4p - 15s - 4p
Breakaway	No
Circuits (Loaded)	23
Circuits (maximum)	23
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	10.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	28.633/g
Number of Rows	1, 5
Orientation	Right Angle
PC Tail Length	2.50mm, 3.28mm
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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[EXTreme Ten60Power Receptacle
465621232](#)

Electrical

Current - Maximum per Contact	2.5A, 60.0A
Voltage - Maximum	600V AC / 250V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	040
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Application Specification	AS-46436-100-001
Product Specification	PS-46436-100-001
Test Summary	464361000-TS-000

This document was generated on 10/04/2021

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