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Part Number: [46437-1084](#)
Status: **Active**
Overview: EXTreme Ten60Power™ High-Current Connector
Description: 2.54mm, 5.50mm, 7.50mm Pitch EXTreme Ten60Power™ Right Angle Plug Assembly with Guide Pins, 24 Signal Circuits, 4 DC Power Circuits, 3 AC Power 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

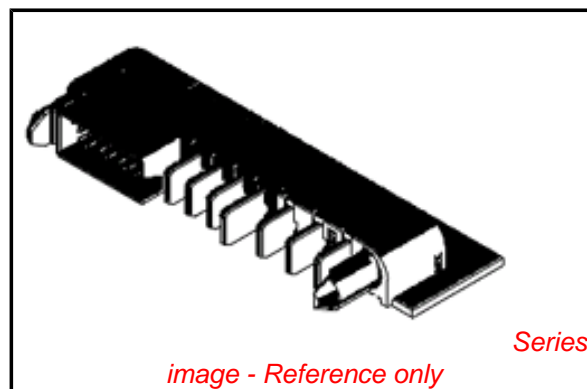
CSA	LR19980
TUV	R72081037
UL	E29179

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	884982045415

Physical

(p)ower-(s)ignal Configuration	3p - 4p - 24s
Breakaway	No
Circuits (Loaded)	31
Circuits (maximum)	31
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	40.000/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	2.54mm, 5.50mm, 7.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	No
Stackable	No



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Not Reviewed**
**Low-Halogen Status
Not Reviewed**

China RoHS



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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

[465621084](#) EXTreme Ten60Power™
 Receptacle

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

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-46437-1084

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