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Part Number: [46437-1117](#)
Status: **Active**
Overview: EXTreme Ten60Power™ High-Current Connector
Description: 2.54mm, 7.50mm Pitch EXTreme Ten60Power™ Right Angle Plug Assembly with Guide Pins, 3 Power Circuits, 24 Signal Circuits, 3 Power 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
TUV	R72081037
UL	E29179

General

Product Family	PCB Headers
Series	46437
Application	Board-to-Board, Power, Signal
Comments	See PS-46436-100 for details
Overview	<u>EXTreme Ten60Power™ High-Current Connector</u>
Product Name	EXTreme Ten60Power™
UPC	884982253032

Physical

(p)ower-(s)ignal Configuration	3p - 24s - 3p
Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30
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	0.001/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, 7.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	No

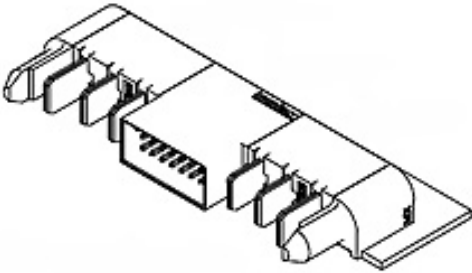


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Series

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
[46562-1117](#) EXTreme Ten60Power™ Receptacle

Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

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

Material Info

Reference - Drawing Numbers

Application Specification	AS-46436-100
Product Specification	PS-46436-100
Sales Drawing	SD-46437-1117

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