

**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:**

<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary 464361000-TS-000 (PDF)</a>
<a href="#">Product Specification PS-46436-100-001 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Application Specification AS-46436-100-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Packaging Specification PK-46437-001-000 (PDF)</a>	

**Agency Certification**

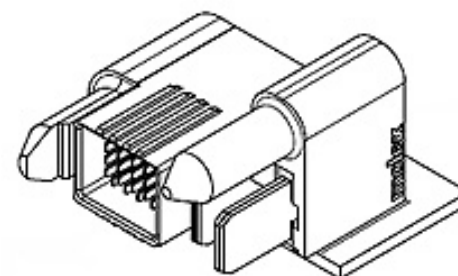
CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">46437</a>
Application	Board-to-Board, Power, Signal
Comments	See PS-46436-100 for details
Overview	<a href="#">EXTreme Ten60Power High-Current Connector</a>
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



*Series image - Reference only*

**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**

[465621044](#) EXTreme Ten60Power  
Receptacle

Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
<b>Electrical</b>	
Current - Maximum per Contact	2.5A, 60.0A
Voltage - Maximum	600V AC / 250V DC
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
Application Specification	AS-46436-100-001
Packaging Specification	PK-46437-001-000
Product Specification	PS-46436-100-001
Sales Drawing	SD-46437-1044-001
Test Summary	464361000-TS-000

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