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**Part Number:** [0465629316](#)  
**Status:** **Active**  
**Overview:** EXTreme Ten60 High-Power Connectors  
**Description:** EXTreme Ten60Power Vertical Receptacle with Side Guides, 1 DC Power Circuit, 30 Signal Circuits, Press Fit Tail

**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="#">Packaging Specification 465621001-PK-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Receptacles
Series	<a href="#">46562</a>
Application	Board-to-Board, Power, Signal
Comments	See Product Specification for details
Overview	<u>EXTreme Ten60 High-Power Connectors</u>
Product Name	EXTreme Ten60Power
UPC	195842673045

**Physical**

(p)ower-(s)ignal Configuration	1p - 30s
Circuits (Loaded)	31
Circuits (maximum)	31
Color - Resin	Black
Durability (mating cycles max)	200
Glow-Wire Capable	No
Guide to Mating Part	Side, Yes
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	10.003/g
Number of Rows	1, 5
Orientation	Vertical
PC Tail Length	2.50mm, 3.28mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm
Packaging Type	Tray
Pitch - Mating Interface	2.00mm, 5.50mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	60.0A
Grounding to PCB	No
Voltage - Maximum	600V AC / 250V DC



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)10043-DC (17  
Jan 2022)

**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**

[46562](#) Series

**Mates With**

EXTreme Ten60Power Right-Angle Plug  
[464379316](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	465621001-PK-000
Product Specification	PS-46436-100-001
Sales Drawing	465629320-000
Test Summary	464361000-TS-000

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