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**Part Number:** [46562-1394](#)  
**Status:** **Active**  
**Overview:** EXTreme Ten60Power™ High-Current Connector  
**Description:** 2.00mm, 5.50mm Pitch EXTreme Ten60Power™ Vertical Receptacle with Guides, 10 DC Power Circuits, 25 HD Signal Circuits

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [46562](#)  
 Application Board-to-Board, Power, Signal  
 Comments See PS-46436-100 for details  
 Overview [EXTreme Ten60Power™ High-Current Connector](#)  
 Product Name EXTreme Ten60Power™  
 UPC 887191128962

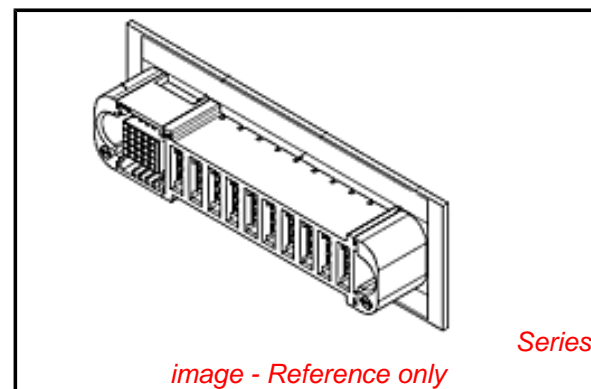
**Physical**

(p)ower-(s)ignal Configuration 10p - 25s  
 Circuits (Loaded) 35  
 Circuits (maximum) 35  
 Color - Resin Black  
 Durability (mating cycles max) 200  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part Yes  
 Mated Height 18.00mm  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Matte Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 25.850g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 2.50mm, 2.82mm  
 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  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 2.5A, 60A  
 Grounding to PCB No  
 Voltage - Maximum 600V AC / 250V DC

**Solder Process Data**



*image - Reference only*

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[46562Series](#)

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-46562-1394
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