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**Part Number:** [1724580412](#)  
**Status:** **Active**  
**Overview:** [EXTreme Ten60Power™ High-Current Connector](#)  
**Description:** EXTreme Ten60Power™ Panel-to-Board Right Angle Plug Assembly with Guide Pins, 2 Power Circuit, 12 Signal Circuits, 2 Power Circuit

**Documents:**

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

**Agency Certification**

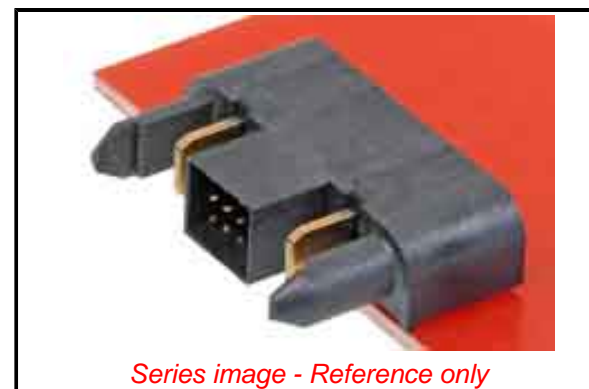
CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [172458](#)  
 Application Panel-to-Board, Power, Signal  
 Overview [EXTreme Ten60Power™ High-Current Connector](#)  
 Product Literature Order No 987650-1981  
 Product Name EXTreme Ten60Power™  
 UPC 889056069632

**Physical**

(p)ower-(s)ignal Configuration 2p - 12s - 2p  
 Breakaway No  
 Circuits (Loaded) 16  
 Circuits (maximum) 16  
 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  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Liquid Crystal Polymer  
 Net Weight 19.629/g  
 Number of Rows 1, 3  
 Orientation Right Angle  
 PC Tail Length 2.84mm  
 PCB Retention Yes  
 Packaging Type Tray  
 Pitch - Mating Interface 2.54mm, 7.50mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Shrouded No  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole



Series image - Reference only

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Not Reviewed  
 ELV Not Reviewed  
 RoHS Phthalates Not Reviewed

**Search Parts in this Series**

[172458](#) Series

**Mates With**

EXTreme Ten60Power™ Receptacle Housing [172512](#)

**Electrical**

Current - Maximum per Contact

50.0A

Voltage - Maximum

600V AC / 250V DC

**Material Info****Reference - Drawing Numbers**

Sales Drawing

SD-172458-0412

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