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**Part Number:** [0755685248](#)  
**Status:** **Active**  
**Overview:** EXTreme PowerMass™ High-Current Connectors  
**Description:** EXTreme PowerMass™ Signal Module, Plug, Right Angle, 48 Circuits, Long PC Tails

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [75568](#)  
 Application Board-to-Board, Signal  
 Overview [EXTreme PowerMass™ High-Current Connectors](#)  
 Product Name EXTreme PowerMass™  
 UPC 800756779928

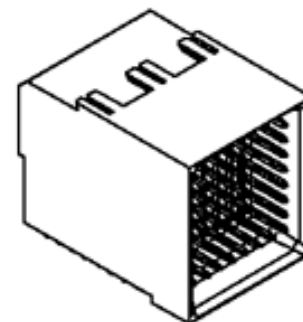
**Physical**

(p)ower-(s)ignal Configuration 48s - 0p  
 Breakaway No  
 Circuits (Loaded) 48  
 Circuits (maximum) 48  
 Durability (mating cycles max) 50  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part No  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Net Weight 19.900/g  
 Number of Rows 8  
 Orientation Right Angle  
 PC Tail Length 3.84mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 2.40mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.50mm  
 Pitch - Termination Interface 2.50mm  
 Polarized to Mating Part No  
 Polarized to PCB No  
 Shrouded Closed Ends  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 3.0A  
 Voltage - Maximum 250V

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014  
 December 17): No

**Halogen-Free**

**Status**

**Low-Halogen**

**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

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[75568](#) Series

**Mates With**

[75548](#) EXTreme PowerMass™ Receptacle

Reference - Drawing Numbers  
Sales Drawing

SD-75568-100

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