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**Part Number:** **0755565100**  
**Status:** **Active**  
**Overview:** EXTreme PowerMass™ High-Current Connectors  
**Description:** EXTreme PowerMass™ 3.18mm Pitch, 150A Module, 1 Circuit, Right Angle Plug, Short Blade, Tail Length 3.06mm

**Documents:**

[3D Model](#) [Packaging Specification PK-46081-100 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

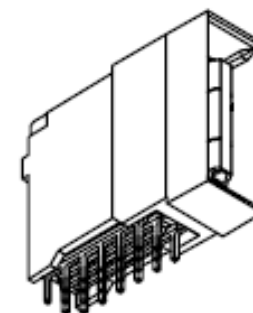
CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series 75556  
 Application Board-to-Board, Power  
 Comments 150A Module Tin Tails  
 Overview [EXTreme PowerMass™ High-Current Connectors](#)  
 Product Name EXTreme PowerMass™  
 UPC 800756779614

**Physical**

(p)ower-(s)ignal Configuration 1p - 0s  
 Breakaway No  
 Circuits (Loaded) 1  
 Circuits (maximum) 1  
 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 18.078/g  
 Number of Rows 1  
 Orientation Right Angle  
 PC Tail Length 3.06mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 2.40mm  
 Packaging Type Tray  
 Pitch - Mating Interface N/A  
 Pitch - Termination Interface 1.60mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2017 (12  
 January 2017)

**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 Green Image  
 ELV Not Relevant  
 RoHS Phthalates Not Contained

**Search Parts in this Series**

[75556](#) Series

**Mates With**

[75542-5000](#) EXTreme PowerMass™  
 Receptacles [EXTreme PowerMass™](#)  
 Receptacles, [75542-5001](#) EXTreme  
 PowerMass™ Receptacles, [454815000](#)  
 EXTreme PowerMass™ Receptacles

**Electrical**

Current - Maximum per Contact 150.0A  
Voltage - Maximum 600V

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

Packaging Specification PK-46081-100  
Sales Drawing SD-75556-100

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