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**Part Number:** [75556-5000](#)  
**Status:** **Active**  
**Overview:** EXTreme PowerMass™ High-Current Connector  
**Description:** EXTreme PowerMass™ 3.18mm Pitch, 150A Module, 1 Circuit, Right Angle Plug, Long Blade, Tail Length 3.06mm

**Documents:**

[3D Model](#) [Application Specification AS-75541-100 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

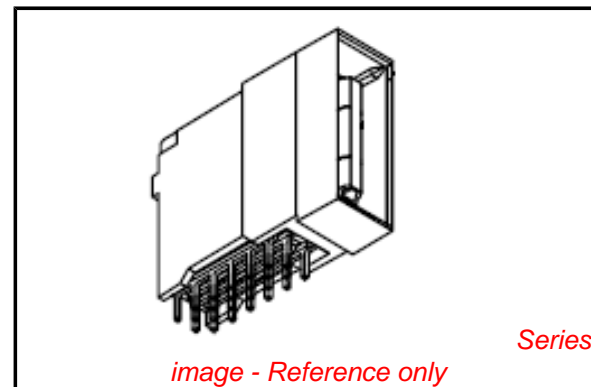
CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [75556](#)  
 Application Board-to-Board, Power  
 Comments 150A Module Tin Tails  
 Overview [EXTreme PowerMass™ High-Current Connector](#)  
 Product Name EXTreme PowerMass™  
 UPC 800756674261

**Physical**

(p)ower-(s)ignal Configuration 1p - 0s  
 Breakaway No  
 Circuits (Loaded) 1  
 Circuits (maximum) 1  
 Color - Resin Black  
 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 - Metal Steel  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 17.000/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



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**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**

[75556Series](#)

**Mates With**

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

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	150A
Voltage - Maximum	600V

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

Application Specification	AS-75541-100
Sales Drawing	SD-75556-100

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