

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0755425000](#)  
**Status:** **Active**  
**Overview:** [EXTreme PowerMass High-Current Connectors](#)  
**Description:** [EXTreme PowerMass 9.90mm Pitch, 150 Amp Module, 1 Circuit, Vertical Receptacle, Lead-Free](#)

**Documents:**

[3D Model](#) [Packaging Specification PK-75541-200 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-75541-100-001 \(PDF\)](#)

**Agency Certification**

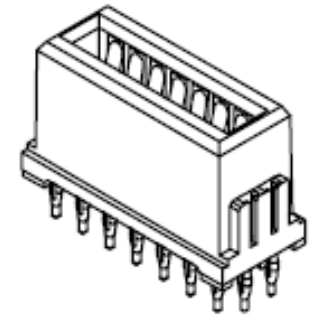
CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [75542](#)  
 Application Board-to-Board, Power  
 Application Tooling Part Link 62100-5900  
 Comments 150A Module Tin Tails  
 Overview [EXTreme PowerMass High-Current Connectors](#)  
 Product Name EXTreme PowerMass  
 UPC 800756673325

**Physical**

Circuits (Loaded) 4  
 Circuits (maximum) 4  
 Color - Resin Black  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Glow-Wire Capable No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part No  
 Material - Metal High Performance Alloy (HPA)  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 5.054/g  
 Number of Rows 4  
 Orientation Vertical  
 PC Tail Length 4.72mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 2.40mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.60mm  
 Pitch - Termination Interface 1.60mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part No  
 Polarized to PCB No  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40° to +105°C  
 Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[75542](#) Series

**Mates With**

[75556](#) EXTreme PowerMass PCB Header

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Vertical Receptacle [0621005900](#)  
 Power Terminal  
 Removal Tool

**Electrical**

Current - Maximum per Contact	150.0A
Grounding to PCB	No
Voltage - Maximum	600V

**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info****Reference - Drawing Numbers**

Application Specification	AS-75541-100-001
Packaging Specification	PK-75541-200
Sales Drawing	SD-75542-100

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