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**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:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-75541-100-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-75541-200-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**Application tooling part link**

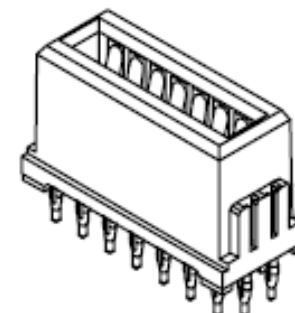
Application Tooling Part Link	62100-5900
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**General**

Product Family	PCB Receptacles
Series	<a href="#">75542</a>
Application	Board-to-Board, Power
Comments	150A Module Tin Tails
Overview	<a href="#">EXTreme PowerMass High-Current Connectors</a>
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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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	<a href="#">621005900</a>
Power Terminal	
Removal Tool	

Temperature Range - Operating -40° to +105°C  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

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

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

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

This document was generated on 10/05/2021

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