

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

**Part Number:** **0755486000**  
**Status:** **Active**  
**Overview:** EXTreme PowerMass High-Current Connectors  
**Description:** EXTreme PowerMass Signal Module, Receptacle, 64 Circuits, Tin (Sn) Tail

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**Application tooling part link**

Application Tooling Part Link 62100-6100

**General**

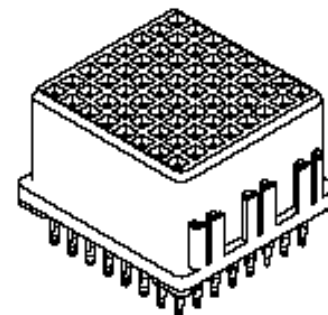
Product Family PCB Receptacles  
 Series 75548  
 Application Board-to-Board, Signal  
 Overview EXTreme PowerMass High-Current Connectors  
 Product Name EXTreme PowerMass  
 UPC 800756673738

**Physical**

Circuits (Loaded) 64  
 Circuits (maximum) 64  
 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 - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 11.522/g  
 Number of Rows 8  
 Orientation Vertical  
 PC Tail Length 4.83mm  
 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  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40° to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 3.0A  
 Grounding to PCB No



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**

75548 Series

**Mates With**

75568 EXTreme PowerMass Signal Plug

**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 #**

Signal Module	<u>621006100</u>
Housing Removal Tool	

Voltage - Maximum 50V

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-75541-200-001

Sales Drawing SD-75548-100-001

This document was generated on 10/04/2021

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