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Part Number: **0755486048**
Status: **Active**
Overview: EXTreme PowerMass High-Current Connectors
Description: EXTreme PowerMass Signal Module, Receptacle, 48 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

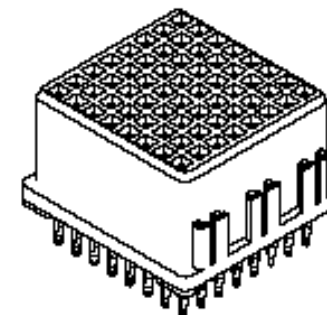
Product Family PCB Receptacles
 Series 75548
 Application Board-to-Board, Signal
 Overview EXTreme PowerMass High-Current Connectors
 Product Name EXTreme PowerMass
 UPC 800756673776

Physical

Circuits (Loaded) 48
 Circuits (maximum) 48
 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 8.819/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	Green Image
ELV	Not Relevant
RoHS Phthalates	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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