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Part Number: [0755486032](#)
Status: **Active**
Overview: EXTreme PowerMass™ High-Current Connectors
Description: EXTreme PowerMass™ Signal Module, Receptacle, 32 Circuits, Tin (Sn) Tail

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [75548](#)
 Application Board-to-Board, Signal
 Application Tooling Part Link 62100-6100
 Overview [EXTreme PowerMass™ High-Current Connectors](#)
 Product Name EXTreme PowerMass™
 UPC 800756674216

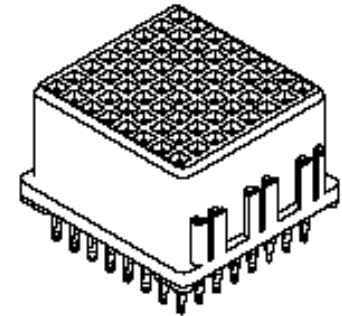
Physical

Circuits (Loaded) 32
 Circuits (maximum) 32
 Color - Resin Black
 Durability (mating cycles max) 50
 Flammability 94V-0
 Glow-Wire Compliant 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 6.016/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°C to +105°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3.0A
 Grounding to PCB No
 Voltage - Maximum 450V

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

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	0621006100
Housing Removal Tool	

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-75541-200

Sales Drawing

SD-75548-100

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