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Part Number: [75548-6148](#)
Status: **Active**
Overview: [EXTreme PowerMass™](#)
Description: [EXTreme PowerMass™](#) Signal Module, Receptacle, 48 Circuits, Tin/Lead (Sn/Pb) Tail

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

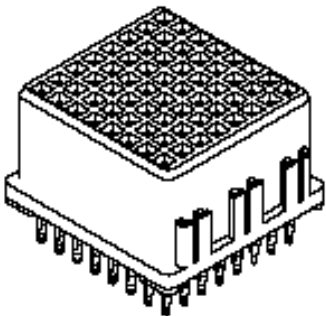
Product Family PCB Receptacles
Series [75548](#)
Application Board-to-Board, Signal
Application Tooling Part Link [621006100](#)
Overview [EXTreme PowerMass™](#)
Product Name [EXTreme PowerMass™](#)
UPC [800756673783](#)

Physical

Circuits (Loaded) 48
Circuits (maximum) 48
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 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°C to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3A
Grounding to PCB No
Voltage - Maximum 450V



Series

image - Reference only

EU RoHS
RoHS Compliant by Exemption
REACH SVHC
Not Reviewed
Low-Halogen Status
Low-Halogen

China RoHS

Pb

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[75548Series](#)

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	

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-75548-100

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