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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	Product Specification PS-75431-999-001 (PDF)
Drawing (PDF)	Packaging Specification PK-75541-200-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

Application Tooling Part Link	62100-6100
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General

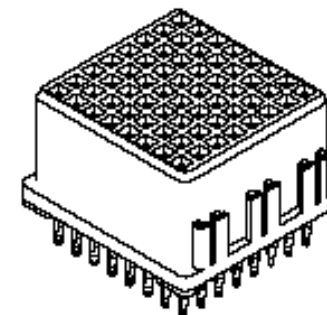
Product Family	PCB Receptacles
Series	75548
Application	Board-to-Board, Signal
Overview	EXTreme PowerMass High-Current Connectors
Product Name	EXTreme PowerMass
Taxonomy	Board-to-Board Connectors
UPC	800756673738

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
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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	621006100
Housing Removal Tool	

Grounding to PCB	No
Voltage - Maximum	50V

Solder Process Data

Lead-free Process Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-75541-200-001
Product Specification	PS-75431-999-001
Sales Drawing	SD-75548-100-001

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