



Part Number : [755486000](#)
Series Number : 75548
Status : Active - Proprietary
Product Category : Board-to-Board Connectors



Drawings

[PK-75541-200-001.pdf](#)

Specifications

[PS-75431-999-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 2025) SCIP:
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

Part Details

General

Status	Active - Proprietary
Category	Board-to-Board Connectors
Series	75548
Description	EXTreme PowerMass Signal Module, Receptacle, 64 Circuits, Tin (Sn) Tail
Application	Board-to-Board, Signal
Component Type	PCB Receptacle, Receptacle
Product Name	EXTreme PowerMass
UPC	800756673738

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	3.0A
Grounding to PCB	No
Voltage - Maximum	50V

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	None

Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	11.522/g
Number of Rows	8
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	2.40mm
PC Tail Length	4.83mm
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme PowerMass Right-Angle Signal Plug Modules	<u>75568</u>

Application Tooling

Global

Description	Part Number
Signal Module Housing Removal	<u>621006100</u>

Tool	
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