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**Part Number:** [0755685024](#)  
**Status:** **Active**  
**Overview:** EXTreme PowerMass High-Current Connectors  
**Description:** EXTreme PowerMass Signal Module, Plug, Right-Angle, 24 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-75431-999-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-46081-100-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

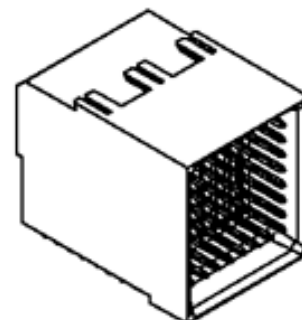
Product Family	PCB Headers
Series	<a href="#">75568</a>
Application	Board-to-Board, Signal
Overview	<a href="#">EXTreme PowerMass High-Current Connectors</a>
Product Name	EXTreme PowerMass
UPC	800756779997

**Physical**

(p)ower-(s)ignal Configuration	24s - 0p
Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
Durability (mating cycles max)	50
First Mate / Last Break	No
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
Net Weight	11.280/g
Number of Rows	8
Orientation	Right Angle
PC Tail Length	3.07mm
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
Shrouded	Closed Ends
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
Voltage - Maximum	50V



*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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[75568](#) Series

**Mates With**

[75548](#) EXTreme PowerMass Receptacle

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Product Specification  
Sales Drawing

PK-46081-100-001  
PS-75431-999-001  
SD-75568-100-001

This document was generated on 01/03/2022

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