

Part Number : [755685224](#)
Series Number : 75568
Status : Active - Proprietary
Product Category : Board-to-Board Connectors



Drawings


[PK-46081-100-001.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)7771-DC (04 Feb 2026)
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	75568
Description	EXTreme PowerMass Signal Module, Plug, Right-Angle, 24 Circuits, Long PC Tails
Application	Board-to-Board, Signal
Component Type	Plug
Product Name	EXTreme PowerMass
UPC	800756780016

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	50V

Physical

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	No
Lock to Mating Part	No

Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	11.640/g
Number of Rows	8
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	2.40mm
PC Tail Length	3.84mm
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Polarized to Mating Part	No
Polarized to PCB	No
(p)ower-(s)ignal Configuration	24s - 0p
Shrouded	Closed Ends
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme PowerMass Signal Receptacle Modules	<u>75548</u>

This document was generated on Apr 15, 2026