



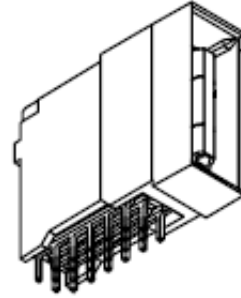
**Part Number :** [755565100](#)

**Product Description :** EXTreme PowerMass  
3.18mm Pitch, 150A Module, 1 Circuit, Right-Angle Plug, Short Blade, Tail Length 3.06mm

**Series Number :** 75556

**Status :** Active

**Product Category :** Board-to-Board  
Connectors



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## Documents & Resources

### Drawings

[755565100\\_sd.pdf](#)

[PK-46081-100-001.pdf](#)

### 3D Models and Design Files

[755565100\\_stp.zip](#)

### Specifications

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Board-to-Board Connectors
Series	75556
Description	EXTreme PowerMass 3.18mm Pitch, 150A Module, 1 Circuit, Right-Angle Plug, Short Blade, Tail Length 3.06mm
Application	Board-to-Board, Power
Comments	150A Module Tin Tails
Component Type	PCB Header
Product Name	EXTreme PowerMass
UPC	800756779614

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	150.0A
Voltage - Maximum	600V

### Physical

Breakaway	No
Circuits (Loaded)	1
Circuits (maximum)	1
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	18.078/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	3.06mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	2.40mm
Pitch - Mating Interface	N/A
Pitch - Termination Interface	1.60mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	1p - 0s
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
EXTreme PowerMass, 150 Amp Module, 1 Circuit, Vertical Receptacle, Lead-Free	<u>755425000</u>