



Part Number : [755611500](#)

Product Description : EXTreme PowerMass
11.00 Pitch, 80A per module, Right-Angle Plug,
Tail Length 3.07mm, Lead-Free, with Pegs

Series Number : 75561

Status : Active

Product Category : Board-to-Board
Connectors

Documents & Resources

Drawings

[Drawing 755611500_sd.pdf](#)

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

[Packaging Design Drawing PK-75561-100-001.pdf](#)

3D Models and Design Files


[3D Model 755611500_stp.zip](#)

Specifications

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

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(2023)3788-DC (14 Jun 2023)
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

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	75561
Description	EXTreme PowerMass 11.00 Pitch, 80A per module, Right-Angle Plug, Tail Length 3.07mm, Lead-Free, with Pegs
Application	Board-to-Board, Power
Comments	80A per module, 40A per contact (2 contacts per module)
Component Type	PCB Header
Product Family	EXTreme PowerMass High-Current Connectors
Product Name	EXTreme PowerMass
UPC	800756930923

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	40.0A
Voltage - Maximum	450V

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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 - Metal	Copper-Nickel-Silicon
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	16.175/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	3.07mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	2.40mm
Pitch - Mating Interface	11.00mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	No
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	2p - 0s
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 11.00mm Pitch, 80A per module, Vertical Receptacle, Lead-Free	<u>755455000</u>

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