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Part Number: [0755611501](#)
Status: **Active**
Overview: [EXTreme PowerMass High-Current Connectors](#)
Description: EXTreme PowerMass 0.13mm Pitch, 80A per module, Right-Angle Plug, Tail Length 3.81mm, Lead-Free, with Pegs

Documents:

[3D Model](#) [Packaging Specification PK-75561-100-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

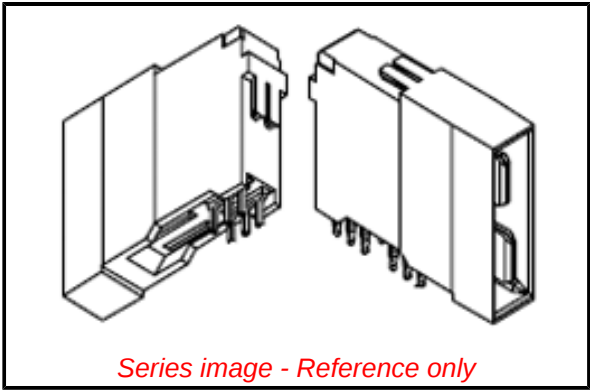
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [75561](#)
3D Viewer Yes
Application Board-to-Board, Power
CURRENT-MAX-NUMERIC 40.0
Comments 80A per module, 40A per contact (2 contacts per module), 80A per module, 40A per contact (2 contacts per module)
[Overview](#) [EXTreme PowerMass High-Current Connectors](#)
PITCH-MATING-NUMERIC 3.00
Product Name EXTreme PowerMass
UPC 800756930947

Physical

(p)ower-(s)ignal Configuration 1p - 0s
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
Number of Rows 2
Orientation Right Angle
PC Tail Length 3.81mm
PCB Locator Yes
PCB Retention None
PCB Thickness - Recommended 2.40mm
Packaging Type Tray
Pitch - Mating Interface 3.00mm
Pitch - Termination Interface 3.00mm
Plating min - Mating 0.762µm
Plating min - Termination 2.540µm
Polarized to Mating Part No
Polarized to PCB Yes
Shrouded Closed Ends



EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

China ROHS	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

Search Parts in this Series

[75561](#) Series

Mates With

[755455000](#) EXTreme PowerMass Receptacle, [755455001](#) EXTreme PowerMass Receptacle

Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	40.0A
Voltage - Maximum	450V
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-75561-100-001
Sales Drawing	SD-75561-100-001

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