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Part Number: [0755611500](#)

Status: **Active**

Overview: EXTreme PowerMass™ High-Current Connectors

Description: EXTreme PowerMass™ 0.13mm Pitch, 80A per module, Right-Angle Plug, Tail Length 3.07mm, Lead-Free, with Pegs

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Packaging Specification PK-75561-100 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

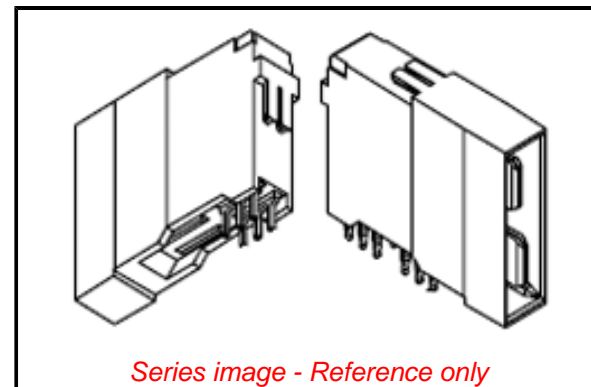
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [75561](#)
Application Board-to-Board, Power
Comments 80A per module, 40A per contact (2 contacts per module)
Overview [EXTreme PowerMass™ High-Current Connectors](#)
Product Name EXTreme PowerMass™
UPC 800756930923

Physical

(p)ower-(s)ignal Configuration 2p - 0s
Breakaway No
Circuits (Loaded) 4
Circuits (maximum) 4
Durability (mating cycles max) 50
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant 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
PC Tail Length 3.07mm
PCB Locator Yes
PCB Retention None
PCB Thickness - Recommended 2.40mm
Packaging Type Tray
Pitch - Mating 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
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[75561](#) Series

Mates With

[75545-5000](#) EXTreme PowerMass™ Receptacle, [75545-5001](#) EXTreme PowerMass™ Receptacle

Electrical

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

Material Info**Reference - Drawing Numbers**

Packaging Specification PK-75561-100
Sales Drawing SD-75561-100

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