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Part Number: [75561-1521](#)
Status: **Active**
Overview: EXTreme PowerMass™ High-Current Connector
Description: EXTreme PowerMass™ 0.13mm Pitch, 40A per module, 1 Circuit, Right-Angle Plug, Upper Blade Sub Assembly, Tail Length 3.81mm, Lead-Free, with Pegs

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

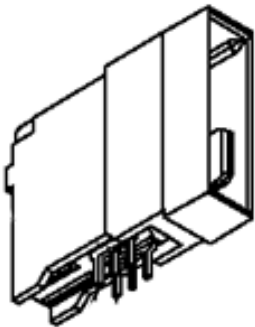
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [75561](#)
Application Board-to-Board, Power
Comments 40A per contact
Overview EXTreme PowerMass™ High-Current Connector
Product Name EXTreme PowerMass™
UPC 800756930985

Physical

(p)ower-(s)ignal Configuration 1p - 0s
Breakaway No
Circuits (Loaded) 2
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
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 7.50mm
Pitch - Termination Interface 3.00mm
Plating min - Mating 0.762µm
Plating min - Termination 2.540µm
Polarized to Mating Part Yes
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 RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[75561Series](#)

Mates With

75545-5000 EXTreme PowerMass™
Receptacle, 75545-5001 EXTreme
PowerMass™ Receptacle

Electrical

Current - Maximum per Contact	40A
Voltage - Maximum	450V

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-75561-102
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