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Part Number: [75556-5000](#)
Status: **Active**
Overview: EXTreme PowerMass™ High-Current Connector
Description: EXTreme PowerMass™ 3.18mm Pitch, 150A Module, 1 Circuit, Right Angle Plug, Long Blade, Tail Length 3.06mm

Documents:

[3D Model](#) [Application Specification AS-75541-100 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [75556](#)
 Application Board-to-Board, Power
 Comments 150A Module Tin Tails
 Overview [EXTreme PowerMass™ High-Current Connector](#)
 Product Name EXTreme PowerMass™
 UPC 800756674261

Physical

(p)ower-(s)ignal Configuration 1p - 0s
 Breakaway No
 Circuits (Loaded) 1
 Circuits (maximum) 1
 Color - Resin Black
 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 Steel
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 17.000/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 3.06mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 2.40mm
 Packaging Type Tray
 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
 Shrouded Fully
 Stackable No

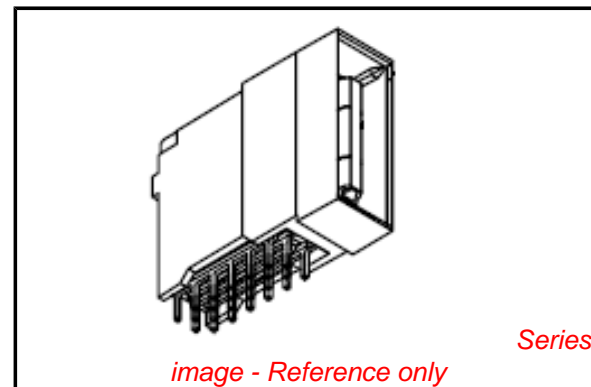


image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

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

[75556Series](#)

Mates With

[75542-5000](#) EXTreme PowerMass™ Receptacles, [75542-5001](#) EXTreme PowerMass™ Receptacles, [454815000](#) EXTreme PowerMass™ Receptacles

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	150A
Voltage - Maximum	600V

Material Info**Reference - Drawing Numbers**

Application Specification	AS-75541-100
Sales Drawing	SD-75556-100

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