

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [75561-6001](#)  
**Status:** **Active**  
**Overview:** EXTreme PowerMass™  
**Description:** EXTreme PowerMass™ 0.13mm Pitch, 80A Module, 2 Circuits, Right Angle Plug, Press Fit

**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  
 Application Tooling Part Link [622018654](#)  
 Application Tooling Part Link [622023700](#)  
 Comments 80A Module Tin/Lead Tails  
 Overview [EXTreme PowerMass™](#)  
 Product Name EXTreme PowerMass™  
 UPC 800756780146

**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-Lead  
 Net Weight 11.268/g  
 Number of Rows 2  
 Orientation Right Angle  
 PC Tail Length 3.99mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 3.18mm  
 Packaging Type Tray  
 Pitch - Mating 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

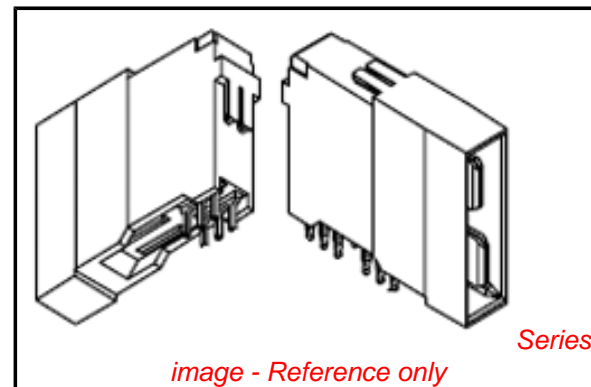


image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto: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**

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

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Press-In Tool for 80A	<a href="#">0622018654</a>
Right Angle Plug	
Right Angle Plug	<a href="#">0622023700</a>
Removal Tool	

Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing SD-75561-200

This document was generated on 01/03/2013

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