

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

**Part Number:** [0755552001](#)  
**Status:** **Active - Custom**  
**Description:** EXTreme PowerMass™ Right Angle Header Solder Tail, Connector Assembly

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-75431-999 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	75555
Application	Board-to-Board, Power
Comments	Modules are Assembles to Rails. Components consists of: Aligner, 1st Module 150A, 2nd Module 150A, 3rd Module 24 Contacts, 4th Module Multipath, 5th Module 40A , 6th Module 80A and Aligner
Product Name	EXTreme PowerMass™

**Physical**

(p)ower-(s)ignal Configuration	2p - 24s - 7p
Breakaway	No
Circuits (Loaded)	33
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Stainless Steel, Steel, Zinc Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	0
Orientation	Right Angle
PC Tail Length	3.06mm (.120")
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	10.00mm (.394"), 12.40mm (.488"), 3.00mm (.118")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	2.540µm (100µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Closed Ends
Stackable	No
Surface Mount Compatible (SMC)	Yes
Termination Interface: Style	Through Hole

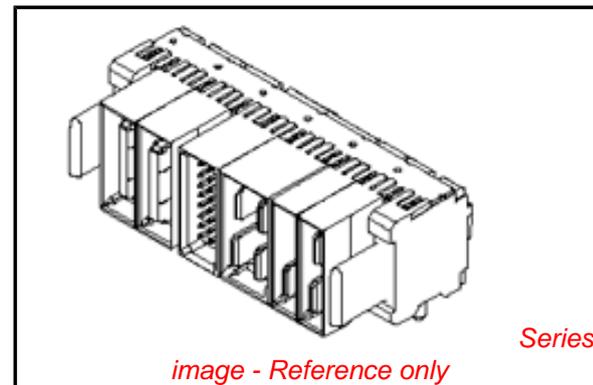
**Electrical**

Current - Maximum per Contact	150A, 40A, 80A
-------------------------------	----------------

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-75431-999
Sales Drawing	SD-75555-201



*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](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**

75555Series

**Mates With**

75541-2001 EXTreme Power-Mass™ Receptacle, 45480-2001 EXTreme Power-Mass™ Receptacle

This document was generated on 02/24/2011

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**