

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

**Part Number:** [75545-5100](#)  
**Status:** **Active**  
**Overview:** EXTreme PowerMass™  
**Description:** EXTreme PowerMass™ 7.40mm Pitch, 40 Amp Module, 1 Circuit, Vertical Receptacle, Lead-Free

**Documents:**

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

**Agency Certification**

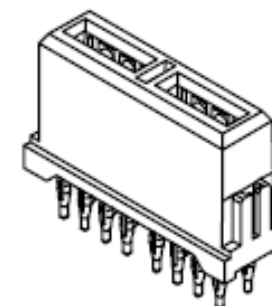
CSA	LR19980
TUV	R72081037
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">75545</a>
Application	Board-to-Board, Power
Application Tooling Part Link	621005900
Comments	40A Module Tin Tails
Overview	<a href="#">EXTreme PowerMass™</a>
Product Name	EXTreme PowerMass™
UPC	800756673387

**Physical**

Circuits (Loaded)	1
Circuits (maximum)	1
Color - Resin	Black
Durability (mating cycles max)	250
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.465/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	4.72mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	3.18mm
Packaging Type	Tray
Pitch - Mating Interface	3.33mm
Pitch - Termination Interface	3.33mm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin



Series

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**

[75545Series](#)

**Mates With**

[75561](#) EXTreme PowerMass™ PCB Header

**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 #
Vertical Receptacle	<a href="#">0621005900</a>
Power Terminal	
Removal Tool	

**Electrical**

Current - Maximum per Contact	40A
Grounding to PCB	No
Voltage - Maximum	600V

**Material Info****Reference - Drawing Numbers**

Sales Drawing	SD-75545-101
---------------	--------------

This document was generated on 02/05/2013

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