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Part Number: [0755455000](#)
Status: **Active**
Overview:
Description: EXTreme PowerMass™ 7.40mm (.291") Pitch, 80 Amp Module, 2 Circuits, Vertical Receptacle, Lead Free

Documents:

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

General

Product Family	PCB Receptacles
Series	75545
Application	Board-to-Board
Comments	80A Module Tin Tails
Overview	EXTreme PowerMass™
Product Name	EXTreme PowerMass™

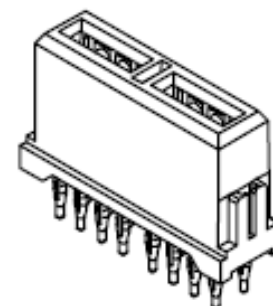
Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	50
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
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.186 In
PC Tail Length (mm)	4.72 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.094 In
PCB Thickness Recommended (mm)	2.40 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.131 In
Pitch - Mating Interface (mm)	3.33 mm
Pitch - Term. Interface (in)	0.131 In
Pitch - Term. Interface (mm)	3.33 mm
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 and Surface Mount

Electrical

Current - Maximum	80A
Grounding to PCB	No
Voltage - Maximum	450V

Solder Process Data



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China RoHS



Search Parts in this Series

[75545 Series](#)

Mates With

[75561](#) EXTreme PowerMass™ PCB Header

Duration at Max. Process Temperature (seconds)	20
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	230

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-75545-100
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