

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [75545-5000](#)
Status: **Active**
Overview: EXTreme PowerMass™ High-Current Connector
Description: EXTreme PowerMass™ 7.40mm Pitch, 80A per module, Vertical Receptacle, Lead-Free

Documents:

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

Agency Certification

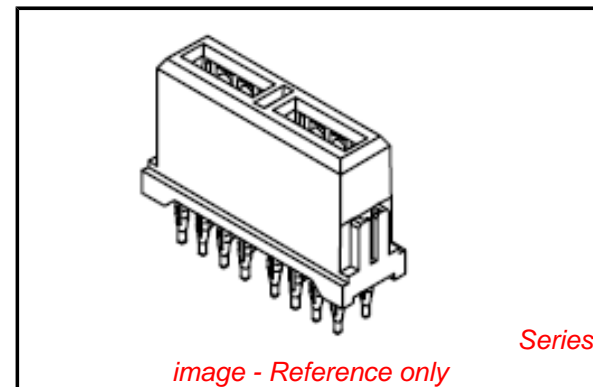
CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	PCB Receptacles
Series	75545
Application	Board-to-Board, Power
Comments	80A per module, 40A per contact (2 contacts per module)
Overview	EXTreme PowerMass™ High-Current Connector
Product Name	EXTreme PowerMass™
UPC	800756673356

Physical

Circuits (Loaded)	2
Circuits (maximum)	2
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	3.475/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



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

[75545Series](#)

Mates With

[75561](#) EXTreme PowerMass™ PCB Header

Electrical

Current - Maximum per Contact	40A
Grounding to PCB	No
Voltage - Maximum	450V

Solder Process Data

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
---------------	--------------

This document was generated on 03/02/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION