

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0755455000](#)
Status: **Active**
Overview: EXTreme PowerMass™ High-Current Connectors
Description: EXTreme PowerMass™ 7.40mm Pitch, 80A per module, Vertical Receptacle, Lead-Free

Documents:

[3D Model](#) [Packaging Specification PK-75541-200 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

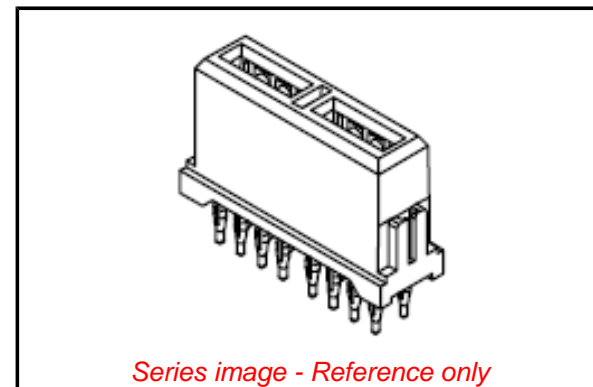
Product Family PCB Receptacles
 Series [75545](#)
 Application Board-to-Board, Power
 Comments 80A per module, 40A per contact (2 contacts per module)
 Overview [EXTreme PowerMass™ High-Current Connectors](#)
 Product Name EXTreme PowerMass™
 UPC 800756673356

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

Electrical

Current - Maximum per Contact 40.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/21/2016 (20 June
 2016)

Halogen-Free

Status

Low-Halogen

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[75545](#) Series

Mates With

[75561](#) EXTreme PowerMass™ PCB Header

Grounding to PCB	No
Voltage - Maximum	450V

Solder Process Data

Duration at Max. Process Temperature (seconds)	020
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	230

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-75541-200
Sales Drawing	SD-75545-100

This document was generated on 07/18/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION