

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [75542-5000](#)
Status: **Active**
Overview: EXTreme PowerMass™ High-Current Connector
Description: EXTreme PowerMass™ 9.90mm Pitch, 150 Amp Module, 1 Circuit, Vertical Receptacle, Lead-Free

Documents:

[3D Model](#) [Application Specification AS-75541-100 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

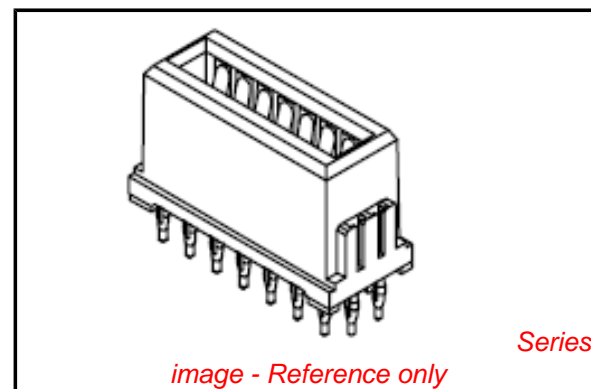
CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [75542](#)
 Application Board-to-Board, Power
 Application Tooling Part Link 62100-5900
 Comments 150A Module Tin Tails
 Overview [EXTreme PowerMass™ High-Current Connector](#)
 Product Name EXTreme PowerMass™
 UPC 800756673325

Physical

Circuits (Loaded) 4
 Circuits (maximum) 4
 Color - Resin Black
 Durability (mating cycles max) 50
 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 5.054/g
 Number of Rows 4
 Orientation Vertical
 PC Tail Length 4.72mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 2.40mm
 Packaging Type Tray
 Pitch - Mating Interface 1.60mm
 Pitch - Termination Interface 1.60mm
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 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

Not Reviewed

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

[75542Series](#)

Mates With

[75556](#) 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	0621005900
Power Terminal	
Removal Tool	

Electrical

Current - Maximum per Contact	150A
Grounding to PCB	No
Voltage - Maximum	600V

Material Info**Reference - Drawing Numbers**

Application Specification	AS-75541-100
Sales Drawing	SD-75542-100

This document was generated on 01/21/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION