

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0755565000](#)
Status: **Active**
Overview: [EXTreme PowerMass High-Current Connectors](#)
Description: EXTreme PowerMass 3.18mm Pitch, 150A Module, 1 Circuit, Right-Angle Plug, Long Blade, Tail Length 3.06mm

Documents:

[3D Model](#) [Application Specification AS-75541-100-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification PK-46081-100-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

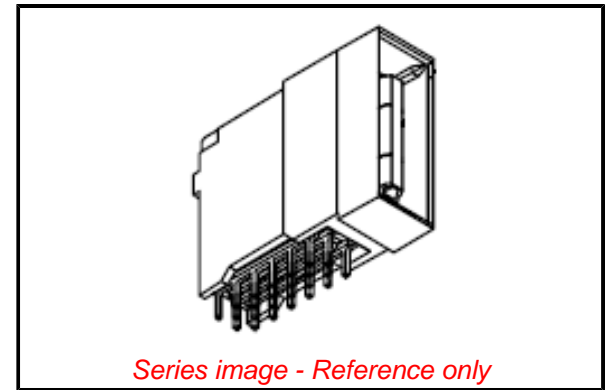
CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [75556](#)
 Application Board-to-Board, Power
 Comments 150A Module Tin Tails
 Overview [EXTreme PowerMass High-Current Connectors](#)
 Product Name EXTreme PowerMass
 UPC 800756674261

Physical

(p)ower-(s)ignal Configuration 1p - 0s
 Breakaway No
 Circuits (Loaded) 1
 Circuits (maximum) 1
 Color - Resin Black
 Durability (mating cycles max) 50
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Capable No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part No
 Material - Metal Steel
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 17.000/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 3.06mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 2.40mm
 Packaging Type Tray
 Pitch - Mating Interface N/A
 Pitch - Termination Interface 1.60mm
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Shrouded Fully
 Stackable No



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2020)4578-DC (25
 June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[75556](#) Series

Mates With

[755425000](#) EXTreme PowerMass
 Receptacles, [755425001](#) EXTreme
 PowerMass Receptacles, [454815000](#)
 EXTreme PowerMass Receptacles

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	150.0A
Voltage - Maximum	600V

Material Info

Reference - Drawing Numbers

Application Specification	AS-75541-100-001
Packaging Specification	PK-46081-100-001
Sales Drawing	SD-75556-100

This document was generated on 07/16/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION