

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0755486048

Status:

Active

Overview:

EXTreme PowerMass High-Current Connectors

Description:

EXTreme PowerMass Signal Module, Receptacle, 48 Circuits, Tin (Sn) Tail

Documents:

3D Model

Packaging Specification PK-75541-200 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

Application tooling part link

Application Tooling Part Link

62100-6100

General

Product Family

PCB Receptacles

Series

75548

Application

Board-to-Board, Signal

Overview

EXTreme PowerMass High-Current Connectors

Product Name

EXTreme PowerMass

UPC

800756673776

Physical

Circuits (Loaded)

48

Circuits (maximum)

48

Color - Resin

Black

Durability (mating cycles max)

50

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

No

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

8.819/g

Number of Rows

8

Orientation

Vertical

PC Tail Length

4.83mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

2.40mm

Packaging Type

Tray

Pitch - Mating Interface

2.50mm

Pitch - Termination Interface

2.50mm

Polarized to Mating Part

No

Polarized to PCB

No

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

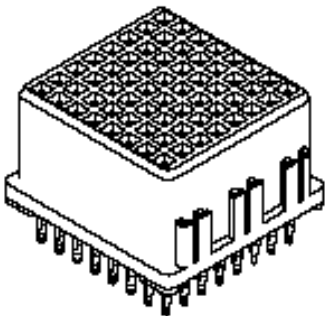
3.0A

Grounding to PCB

No

Voltage - Maximum

50V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

75548 Series

Mates With

75568 EXTreme PowerMass Signal Plug

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 #

Signal Module

621006100

Housing Removal

Tool

Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-75541-200
Sales Drawing	SD-75548-100

This document was generated on 09/23/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

75548-6048