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Part Number: **0460791000**
Status: **Active**
Overview: EXTreme PowerMass High-Current Connectors
Description: EXTreme PowerMass 6.38mm Pitch, Signal, 160 Amps (4 Blades at 40 Amps per Blade), Vertical Receptacle, Lead-Free

Documents:

[3D Model](#) [Packaging Specification PK-46079-100-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

Application tooling part link

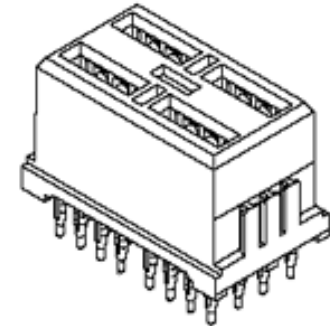
Application Tooling Part Link 62100-5900

General

Product Family PCB Receptacles
 Series 46079
 Application Board-to-Board, Power
 Comments Multi Path (Dual 80A) Signal, Press Fit
 Overview EXTreme PowerMass High-Current Connectors
 Product Name EXTreme PowerMass
 UPC 822350359962

Physical

Circuits (Loaded) 4
 Circuits (maximum) 4
 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 - Metal High Performance Alloy (HPA)
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 7.071/g
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 4.20mm
 PCB Locator No
 PCB Retention None
 Packaging Type Tray
 Pitch - Mating Interface 11.00mm
 Pitch - Termination Interface 3.05mm, 3.33mm
 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° to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2021)4569-DC (8
 July 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

46079 Series

Mates With

46081 EXTreme PowerMass Plug Assembly

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 621005900
 Power Terminal
 Removal Tool

Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 160.0A

Grounding to PCB No

Voltage - Maximum 600V

Solder Process Data

Lead-free Process Capability N/A

Material Info

Reference - Drawing Numbers

Packaging Specification PK-46079-100-001

Sales Drawing SD-46079-100-001

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