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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

3D Model (PDF)

Drawing (PDF)

Packaging Specification PK-46079-100-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

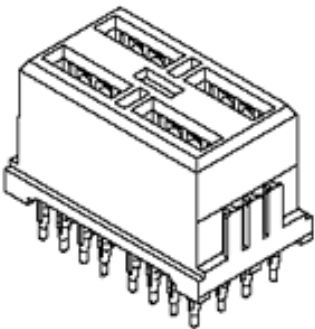
Application Tooling Part Link	62100-5900
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General

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

China RoHS

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	Green Image
ELV	Not Relevant
RoHS Phthalates	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-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-46079-100-001
Sales Drawing	SD-46079-100-001

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