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Part Number: [0460811000](#)

Status: **Active**

Overview: [EXTreme PowerMass™ High-Current Connectors](#)

Description: EXTreme PowerMass™ 6.38mm Pitch, Multi Path Assembly Plug, 160 Amps (4 Blades at 40 Amps per Blade), Press Fit, 0.75µm Select Gold (Au), 2.5µm Tin (Sn), Lead-Free

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

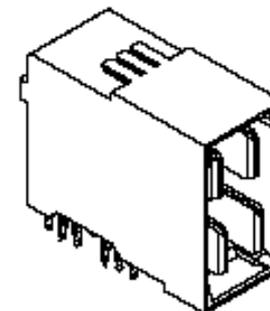
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [46081](#)
Application Board-to-Board, Power
Application Tooling Part Link [62201-8655](#)
Application Tooling Part Link [62202-3700](#)
Comments Multi Path (Dual 80A) Signal
Overview [EXTreme PowerMass™ High-Current Connectors](#)
Product Name EXTreme PowerMass™
UPC 822350852029

Physical

(p)ower-(s)ignal Configuration 4p - 0s
Breakaway No
Circuits (Loaded) 4
Circuits (maximum) 4
Color - Resin Black
Durability (mating cycles max) 50
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part Yes
Lock to Mating Part No
Material - Metal Steel
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 21.023/g
Number of Rows 2
Orientation Right Angle
PC Tail Length 3.99mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 2.40mm
Packaging Type Tray
Pitch - Mating Interface 6.38mm
Pitch - Termination Interface 3.00mm, 3.38mm
Plating min - Mating 0.762µm
Plating min - Termination 2.540µm
Polarized to Mating Part No
Polarized to PCB No
Shrouded Closed Ends



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[46081](#) Series

Mates With

EXTreme PowerMass™ 6.38mm Pitch, Multi Path Assembly Plug, 160 Amps (4 Blades at 40 Amps per Blade), 0.75µm Select Gold (Au), 2.5µm Tin (Sn), Lead-Free

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 #
Press-In Tool for 150A Right Angle Plug	0622018655
Right Angle Plug Removal Tool	0622023700

Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	160.0A
Voltage - Maximum	600V

Solder Process Data

Lead-free Process Capability	N/A
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Material Info**Reference - Drawing Numbers**

Sales Drawing	SD-46081-100
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