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Part Number: [0460812001](#)
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, Tail Length 3.07mm

Documents:

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

Agency Certification

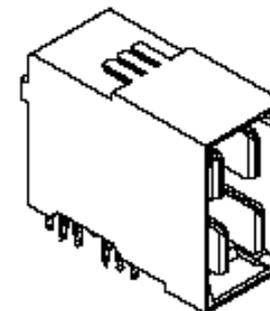
CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [46081](#)
 3D Viewer Yes
 Application Board-to-Board, Power
 CURRENT-MAX-NUMERIC 160.0
 Comments Multi Path (Dual 80A) Signal, Multi Path (Dual 80A) Signal
 Overview [EXTreme PowerMass High-Current Connectors](#)
 PITCH-MATING-NUMERIC 6.38
 Product Name EXTreme PowerMass
 UPC 822350852036

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 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-Lead
 Material - Resin High Temperature Thermoplastic
 Net Weight 21.023/g
 Number of Rows 2
 Orientation Right Angle
 PC Tail Length 3.07mm
 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China ROHS

Not Relevant

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

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)

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

Electrical

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

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-46081-100-001
Sales Drawing	SD-46081-100, SD-46081-200

This document was generated on 09/25/2019

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