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Part Number:

0460812010

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), PC Tail, Tail Length 3.81mm, Lead-Free

Documents:

- 3D Model

Packaging Specification PK-46081-100-001 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)
- 3D Model (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

46081

Application

Board-to-Board, Power

Comments

Multi Path (Dual 80A) Signal

Overview

EXTreme PowerMass High-Current Connectors

Product Name

EXTreme PowerMass

UPC

800756709765

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

Copper-Nickel-Silicon

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

3.81mm

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

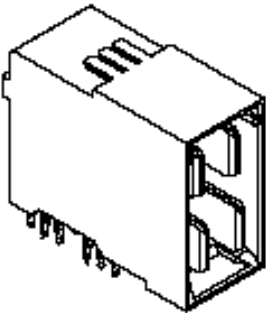
No

Shrouded

Closed Ends

Stackable

No



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

46081 Series

Mates With

EXTreme PowerMass 6.38mm Pitch, Multi
Path Assembly Plug, 160 Amps (4 Blades at
40 Amps per Blade), Lead-Free

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	160.0A
Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-46081-100-001
Sales Drawing	SD-46081-200-001

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