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Part Number:

1720420406

Status:

Active

Overview:

Super Sabre Connector System

Description:

Super Sabre Vertical Header, 4 Circuit, Long Solder Tail with Board Lock, Complies with UL1977 Finger Proof Standards, Glow-Wire Capable

Documents:

3D Model

Drawing (PDF)

Product Specification PS-171825-001-001 (PDF)

Packaging Specification PK-43789-001-001 (PDF)

Test Summary TS-171825-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

172042

3D Viewer

Yes

Application

Power, Signal, Wire-to-Board

CURRENT-MAX-NUMERIC

30.0

Comments

Operating Temperature Per USCAR-2; Class 3,
Operating Temperature Per USCAR-2; Class 3
Super Sabre Connector System

Overview

7.50

PITCH-MATING-NUMERIC

Super Sabre

Product Name

887191565224

UPC

Physical

Breakaway

No

Circuits (Loaded)

4

Circuits (maximum)

4

Color - Resin

Black

Durability (mating cycles max)

25

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Capable

Yes

Lock to Mating Part

Yes

Material - Metal

Copper

Material - Plating Mating

Silver

Material - Plating Termination

Matte Tin, Nickel

Material - Resin

High Temperature Thermoplastic

Net Weight

5.352/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

5.33mm

PCB Retention

Yes

Packaging Type

Tray

Pitch - Mating Interface

7.50mm

Plating min - Mating

0.025µm

Plating min - Termination

0.025µm

Polarized to Mating Part

Yes

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40° to +125°C

Termination Interface: Style

Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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

172042 Series

Mates With

172672 Crimp Housing

Current - Maximum per Contact	30.0A per blade
Voltage - Maximum	600V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-43789-001-001
Product Specification	PS-171825-001-001
Sales Drawing	SD-172042-001
Test Summary	TS-171825-001-001

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