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Part Number:

1720420805

Status:

Active

Overview:

Super Sabre Connector System

Description:

Super Sabre Vertical Header, 8 Circuit, Long Solder Tail without Board Lock, Complies with the UL1977 finger proof standards

Documents:

3D Model

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

Drawing (PDF)

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

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

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

172042

Application

Power, Signal, Wire-to-Board

Comments

Operating Temperature Per USCAR-2; Class 3

Overview

Super Sabre Connector System

Product Name

Super Sabre

UPC

887191565453

Physical

Breakaway

No

Circuits (Loaded)

8

Circuits (maximum)

8

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

9.298/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

5.33mm

PCB Retention

None

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°C to +125°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

30.0A per blade

Voltage - Maximum

600V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)

030



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/01/2018 (15

January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

172042 Series

Mates With

172672 Crimp Housing

|                                         |                    |          |
|-----------------------------------------|--------------------|----------|
| Lead-free                               | Process 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, TS-171825-001-001 |
| Sales Drawing           | SD-172042-001                        |

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