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Part Number:

1720420301

Status:

Active

Overview:

Super Sabre Connector System

Description:

Super Sabre Vertical Header, 3 Circuit, Short Solder Tail without Board Lock, Complies with UL1977 Finger Proof Standards, Glow-Wire Capable

Documents:

3D Model (PDF)

Drawing (PDF)

3D Model

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

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

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

Symbol Footprint Data SYM-172042-0301-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Taxonomy

UPC

PCB Headers

172042

Power, Signal, Wire-to-Board

Operating Temperature Per USCAR-2; Class 3

PCB Header

Super Sabre Connector System

Super Sabre

PCB Headers and Receptacles

887191565088

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Retention

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

3

3

Black

25

No

94V-0

Yes

Yes

Copper

Silver

Matte Tin, Nickel

High Temperature Thermoplastic

3.975/g

1

Vertical

3.81mm

None

Tray

7.50mm

0.025µm

0.025µm

Yes

Yes

-40° to +125°C

Through Hole

Electrical

Current - Maximum per Contact

30.0A per blade



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

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

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-172042-001-001
Symbol/Footprint Data	SYM-172042-0301-001
Test Summary	TS-171825-001-001

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