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Part Number: [1720420405](#)
Status: **Active**
Overview: [Super Sabre Connector System](#)
Description: Super Sabre Vertical Header, 4 Circuit, Long Solder Tail without Board Lock, Complies with UL1977 Finger Proof Standards, Glow-Wire Capable

Documents:
[3D Model](#) [Packaging Specification PK-43789-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary TS-171825-001-001 \(PDF\)](#)
[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](#)
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
Product Name Super Sabre
UPC 887191565217

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 5.104/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° 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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