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Part Number: [1720420505](#)
Status: **Active**
Overview: [Super Sabre Connector System](#)
Description: Super Sabre Vertical Header, 5 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	Super Sabre
Product Name	887191565293
UPC	

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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	6.157/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

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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-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
Sales Drawing	SD-172042-001
Test Summary	TS-171825-001-001

This document was generated on 09/26/2019

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