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Part Number:

1720430405

Status:

Active

Overview:

Super Sabre Connector System

Description:

Super Sabre Right-Angle Header, 4 Circuit, Long Solder Tail without 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	172043
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
Overview	Super Sabre Connector System
PITCH-MATING-NUMERIC	7.50
Product Name	Super Sabre
UPC	887191565828

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	5.756/g
Number of Rows	1
Orientation	Right Angle
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

172043 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-172043-001
Test Summary	TS-171825-001-001

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