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Part Number:

1720420401

Status:

Active

Overview:

Super Sabre™ Connector System

Description:

Super Sabre™ Vertical Header, 4 Circuit, Short 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	887191565170

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 Compliant	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	3.81mm
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
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

Need more information on product
environmental compliance?

Email 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-freeProcess Capability

Max. Cycles at Max. Process Temperature

Process Temperature max. C

SMC&WAVE

003

260

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-43789-001-001

PS-171825-001-001, TS-171825-001-001

SD-172042-001

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