

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1720420602](#)
Status: **Active**
Overview: Super Sabre™ Connector System
Description: Super Sabre™ Vertical Header, 6 Circuit, Short Solder Tail with 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 (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	887191565347

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	7.446/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.81mm
PCB Retention	Yes
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
--	-----



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 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-free Process 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
PS-171825-001-001, TS-171825-001-001
SD-172042-001

This document was generated on 03/20/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION