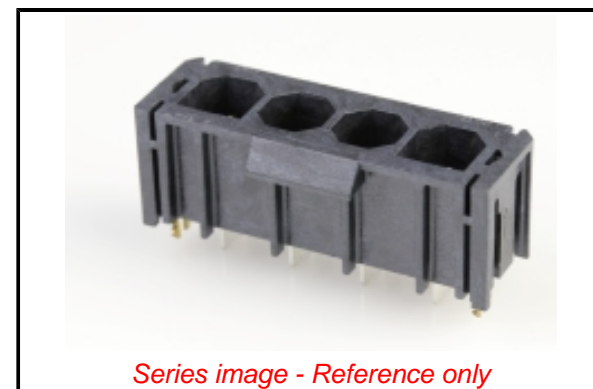


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1720420402](#)  
**Status:** **Active**  
**Overview:** Super Sabre Connector System  
**Description:** Super Sabre Vertical Header, 4 Circuit, Short Solder Tail with Board Lock, Complies with UL1977 Finger Proof Standards, Glow-Wire Capable

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-43789-001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Test Summary TS-171825-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Symbol Footprint Data SYM-172042-0402-001 (PDF)</a>
<a href="#">Product Specification PS-171825-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">172042</a>
Application	Power, Signal, Wire-to-Board
Comments	Operating Temperature Per USCAR-2; Class 3
Component Type	PCB Header
Overview	<a href="#">Super Sabre Connector System</a>
Product Name	Super Sabre
Taxonomy	PCB Headers and Receptacles
UPC	887191565187

**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	5.352/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° to +125°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	30.0A per blade
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained per -  
D(2022)9120-DC (17  
Jan 2023)

**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

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-172042-001-001  
Symbol/Footprint Data SYM-172042-0402-001  
Test Summary TS-171825-001-001

This document was generated on 04/03/2023

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