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**Part Number:** [1720420808](#)  
**Status:** **Active**  
**Overview:** Super Sabre™ Connector System  
**Description:** Super Sabre™ Vertical Header, 8 Circuit, Long Solder Tail with Board Lock

**Documents:**

[3D Model](#) [Product Specification PS-171825-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [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 887191565484

**Physical**

Breakaway No  
 Circuits (Loaded) 8  
 Circuits (maximum) 8  
 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 9.546/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 5.33mm  
 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  
 Lead-free Process Capability SMC&WAVE  
 Max. Cycles at Max. Process Temperature 003



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/79/2015 (17  
 December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[172042](#) Series

**Mates With**

[172672](#) Crimp Housing

Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-171825-001  
Sales Drawing SD-172042-001

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