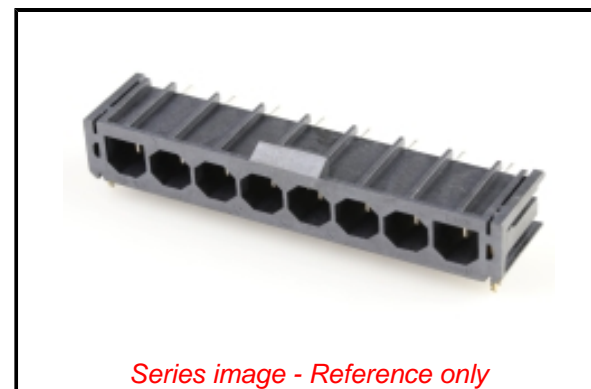


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1720430802](#)  
**Status:** **Active**  
**Overview:** [Super Sabre Connector System](#)  
**Description:** Super Sabre Right-Angle Header, 8 Circuit, Short Solder Tail with Board Lock, Complies with UL1977 Finger Proof Standards, Glow-Wire Capable

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-43789-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary TS-171825-001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Symbol Footprint Data SYM-172043-0802-001 (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="#">172043</a>
Application	Power, Signal, Wire-to-Board
Comments	Operating Temperature Per USCAR-2; Class 3
Overview	<a href="#">Super Sabre Connector System</a>
Product Name	Super Sabre
UPC	887191566030

**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 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	10.850/g
Number of Rows	1
Orientation	Right Angle
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
Voltage - Maximum	600V AC (RMS)

**Solder Process Data**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[172043](#) Series

**Mates With**

[172672](#) Crimp Housing

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-172043-001-001
Symbol/Footprint Data	SYM-172043-0802-001
Test Summary	TS-171825-001-001

This document was generated on 10/06/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Power to the Board](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[031-55414](#) [0465621864](#) [05-02-0047](#) [06-02-9034](#) [07119000024](#) [0765461127](#) [10065127-001LF](#) [10065864-003LF](#) [10066440-DGC0200LF](#)  
[10073097-DGC001LF](#) [10074866-001LF](#) [10077488-N01006DLF](#) [10078770-002LF](#) [10078770-003LF](#) [10080594-6GA0447LF](#) [10080657-001LF](#) [10101229-201LF](#) [10102204-003](#) [10106117-5005001LF](#) [10106118-4000001LF](#) [10106124-4403001LF](#) [10106124-6006009LF](#)  
[10106125-4006004LF](#) [10106126-4004001LF](#) [10106131-4004001LF](#) [10106131-4006005LF](#) [10106134-8004001LF](#) [10106139-8005002LF](#)  
[10106262-0017101LF](#) [10106262-0527102LF](#) [10106262-3606002LF](#) [10106262-7006001LF](#) [10106264-7006001LF](#) [10106268-6003001LF](#)  
[10106269-2002001LF](#) [10108877-R10253SLF](#) [10108888-R10253SLF](#) [10108888-R20353HLF](#) [10115670-201LF](#) [10117780-001LF](#) [10118556](#)  
[10119453-1100](#) [10122460-005LF](#) [10123699-002C-TRLF](#) [10123766-H00NLF](#) [10123973-004RLF](#) [10124023-002LF](#) [10124055-01-130TLF](#)  
[10125416-4050LF](#) [10125595-S01LF](#)