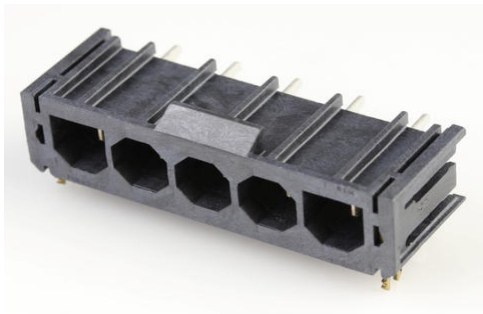




**Part Number :** [1720430506](#)  
**Product Description :** Super Sabre Right-Angle Header, 5 Circuit, Long Solder Tail with Board Lock, Complies with UL1977 Finger Proof Standards, Glow-Wire Capable  
**Series Number :** 172043  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[1720430506 sd.pdf](#)  
[PK-43789-001-001.pdf](#)

### 3D Models and Design Files


[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)  
[Symbol and Footprint \(Multi-Format\)](#)  
[SYM-172043-0502-001.zip](#)

### Specifications

[PS-171825-001-001.pdf](#)  
[TS-171825-001-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

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## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	172043
Description	Super Sabre Right-Angle Header, 5 Circuit, Long Solder Tail with Board Lock, Complies with UL1977 Finger Proof Standards, Glow-Wire Capable
Application	Power, Signal, Wire-to-Board
Comments	Operating Temperature Per USCAR-2; Class 3
Component Type	PCB Header
Product Name	Super Sabre
UPC	887191565910

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	30.0A per blade
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Voltage - Maximum	600V AC (RMS)
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## Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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	7.220/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Retention	Yes
PC Tail Length	5.33mm
Pitch - Mating Interface	7.50mm
Plating min - Mating	0.025µm
Plating min - Termination	0.025µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Through Hole

## Solder Process Data

Max-Duration	30
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	260

# Mates With / Use With

## Mates with Part(s)

Description	Part Number
Super Sabre Single Row Receptacle Housings	<u>172672</u>

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This document was generated on Sep 22, 2025