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Part Number: [1720430407](#)
Status: **Active**
Overview: Super Sabre™ Connector System
Description: Super Sabre™ Right Angle Header, 4 Circuit, Long Solder Tail without 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 [172043](#)
Application Power, Signal, Wire-to-Board
Comments Operating Temperature Per USCAR-2; Class 3
Overview [Super Sabre™ Connector System](#)
Product Name Super Sabre™
UPC 887191565842

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 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 5.756/g
Number of Rows 1
Orientation Right Angle
PC Tail Length 5.33mm
PCB Retention None
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-freeProcess Capability SMC&WAVE
Max. Cycles at Max. Process Temperature 003



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Contains SVHC(2014 December 17): No
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

Search Parts in this Series
[172043](#) Series

Mates With
[172672](#) Crimp Housing

Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-171825-001
Sales Drawing	SD-172043-001

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