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Part Number: [1720430406](#)
Status: **Active**
Overview: [Super Sabre Connector System](#)
Description: Super Sabre Right-Angle Header, 4 Circuit, Long Solder Tail with Board Lock, Complies with UL1977 Finger Proof Standards, Glow-Wire Capable

Documents:
[3D Model](#) [Packaging Specification PK-43789-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary TS-171825-001-001 \(PDF\)](#)
[Product Specification PS-171825-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	172043
3D Viewer	Yes
Application	Power, Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	30.0
Comments	Operating Temperature Per USCAR-2; Class 3, Operating Temperature Per USCAR-2; Class 3
Overview	Super Sabre Connector System
PITCH-MATING-NUMERIC	7.50
Product Name	Super Sabre
UPC	887191565835

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	6.004/g
Number of Rows	1
Orientation	Right Angle
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° to +125°C
Termination Interface: Style	Through Hole

Electrical



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - ED/71/2019 (16 July 2019) Halogen-Free Status Low-Halogen For more information, please visit Contact US	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

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

Mates With
[172672](#) Crimp Housing

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
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
Test Summary	TS-171825-001-001

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