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Part Number: [1720420401](#)
Status: **Active**
Overview: [Super Sabre Connector System](#)
Description: Super Sabre Vertical Header, 4 Circuit, Short Solder Tail without Board Lock, Complies with UL1977 Finger Proof Standards, Glow-Wire Capable

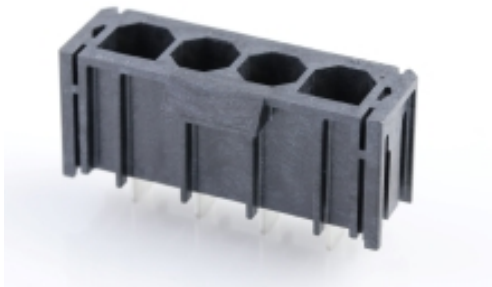
Documents:	
3D Model (PDF)	Packaging Specification PK-43789-001-001 (PDF)
3D Model	Test Summary TS-171825-001-001 (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-172042-0401-001 (PDF)
Product Specification PS-171825-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	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	887191565170

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	5.104/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.81mm
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° 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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[172042](#) 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-172042-001-001
Symbol/Footprint Data	SYM-172042-0401-001
Test Summary	TS-171825-001-001

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