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Part Number:

1720420206

Status:

Active

Overview:

Super Sabre Connector System

Description:

Super Sabre Vertical Header, 2 Circuit, Long Solder Tail with Board Lock, Complies with UL1977 Finger Proof Standards, Glow-Wire Capable

Documents:

3D Model (PDF)

3D Model

Drawing (PDF)

Product Specification PS-171825-001-001 (PDF)

Packaging Specification PK-43789-001-001 (PDF)

Test Summary TS-171825-001-001 (PDF)

Symbol Footprint Data SYM-172042-0202-001 (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		887191565057

Physical		
Breakaway		No
Circuits (Loaded)		2
Circuits (maximum)		2
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		3.183/g
Number of Rows		1
Orientation		Vertical
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		
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-172042-0202-001
Test Summary	TS-171825-001-001

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