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Part Number:

1720420302

Status:

Active

Overview:

Super Sabre Connector System

Description:

Super Sabre Vertical Header, 3 Circuit, Short Solder Tail with Board Lock, Complies with UL1977 Finger Proof Standards, Glow-Wire Capable

Documents:

Drawing (PDF)

3D Model (PDF)

3D Model

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-172042-0302-001 (PDF)

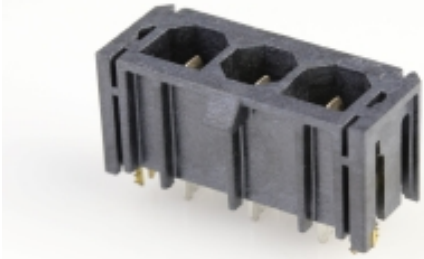
RoHS Certificate of Compliance (PDF)

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	887191565095

Physical	
Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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	4.223/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.81mm
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-172042-0302-001
Test Summary	TS-171825-001-001

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