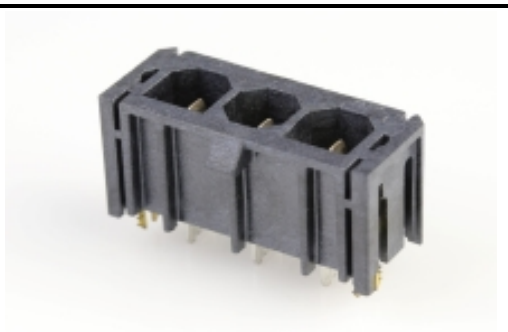
This document was generated on 10/06/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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



Series image - Reference only

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

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

This document was generated on 10/06/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

0190700155 151670255 439151216 151660057 190690096 397730002 398800403 447642001
447691602 459705185 0190690033 0436400901 152660117 190730231 444280402 759001161
0436802002 190670071 436803002 447641402 152670269 190990010 760475001 152670251
5046940301 190990009 430451220 152670357 417920538 430450225