



Part Number : 1720420202

Series Number : 172042

Product Category : PCB Headers and Receptacles

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

Status : Active

Documents & Resources


Drawings
Drawing 1720420202_sd.pdf
Packaging Design Drawing PK-43789-001-001.pdf

3D Models and Design Files
3D Model 1720420202_stp.zip
Symbol Footprint Data SYM-172042-0202-001.zip

Specifications
Product Specification PS-171825-001-001.pdf
Test Summary TS-171825-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	172042
Description	Super Sabre Vertical Header, 2 Circuit, Short Solder Tail with Board Lock, Complies with UL1977 Finger Proof Standards, Glow-Wire Capable
Application	Power, Signal, Wire-to-Board
Comments	Operating Temperature Per USCAR-2; Class 3
Component Type	PCB Header
Product Family	Super Sabre Connector System
Product Name	Super Sabre
UPC	887191565019

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	30.0A per blade
Voltage - Maximum	600V AC (RMS)

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
Packaging Type	Tray
PC Tail Length	3.81mm
PCB Retention	Yes
Pitch - Mating Interface	7.50mm
Plating min - Mating	0.025µm
Plating min - Termination	0.025µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	30
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Super Sabre Single Row Receptacle Housings	<u>172672</u>

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