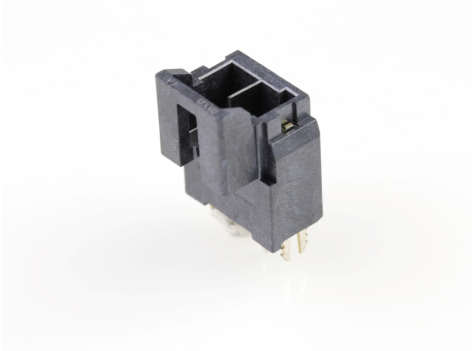
Part Number : 1722871102
Product Description : Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, Tin (Sn), Glow-Wire Capable, Black
Series Number : 172287
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings
1722871102_sd.pdf
PK-172287-9001-001.pdf

3D Models and Design Files
1722871102_stp.zip
1722871102-000.zip
SYM-172287-1102-001.zip

Specifications
1723230003-000.pdf
AS-172323-0001-001.pdf
1723230001-TS-000.pdf
1723231000-PS-CH-000.pdf
1723231000-PS-ES-000.pdf
1723231000-PS-JP-000.pdf
1723231000-PS-SK-000.pdf
PS-172323-0001-001.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	172287
Description	Ultra-Fit Vertical Header, 3.50mm Pitch, Single Row, 2 Circuits, with Solder Clips, Tin (Sn), Glow-Wire Capable, Black
Application	Power, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Component Type	PCB Header
Product Name	Ultra-Fit
UPC	887191736693

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	14.0A
Voltage - Maximum	600V AC (RMS)/DC

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
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.978/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.20mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	3.50mm
Pitch - Termination Interface	3.50mm
Plating min - Mating	1.524µm
Plating min - Termination	1.524µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	90

Lead-Free Process Capability	WAVE
Max-Cycle	2
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Ultra-Fit Tangless Receptacle Housing, 3.50mm Pitch, Single Row, 2 Circuits, Black, Glow-Wire Capable	1722563102

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Global Electronic Components Distributor

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447641402 0190700155 190990009 417920538 759001161 760475001 190990010 398800403
447691602 190690096 439151216 152670357 397730002 444280402