



Part Number : 877521014

Series Number : 87752

Product Category : PCB Headers and Receptacles

Product Description : 2.00mm Pitch Header, Through Hole, Breakaway, Vertical, 10 Circuits, 2.50µm Tin (Sn) Plating, Mated Height 3.70mm , PC Tail Length 3.00mm , Lead-Free

Status : Active


Documents & Resources

Drawings
Drawing 877521014_sd.pdf
Packaging Design Drawing PK-89990-487-001.pdf

Specifications
Product Specification PS-87761-100-001.pdf
Test Summary 877610000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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)

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	87752
Description	2.00mm Pitch Header, Through Hole, Breakaway, Vertical, 10 Circuits, 2.50µm Tin (Sn) Plating, Mated Height 3.70mm , PC Tail Length 3.00mm , Lead-Free
Application	Board-to-Board, Signal, Wire-to-Board
Comments	Irregular circuit cutoff within breakaway section permissible. Cutting or chipping of main body unacceptable.
Component Type	PCB Header
Product Name	N/A
UPC	800756789842

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	125V

Physical

Breakaway	Yes
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No

Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	3.70mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.635/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.00mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	2.540µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	WAVE
Max-Cycle	3
Max-Temp	260