



Part Number : 559172810

Series Number : 55917

Product Category : PCB Headers and Receptacles

Product Description : 2.00mm Pitch MicroClasp Wire-to-Board Header, Dual Row, Vertical, 28 Circuits, with PCB Locator

Status : Active

Documents & Resources


Drawings
Drawing 559172810_sd.pdf

3D Models and Design Files
3D Model 559172810_stp.zip

Specifications
Application Specification 561340000-AS-000.pdf
Packaging Specification 559179200-SPK-200.pdf
Product Specification PS-51353-003-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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	55917
Description	2.00mm Pitch MicroClasp Wire-to-Board Header, Dual Row, Vertical, 28 Circuits, with PCB Locator
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	MicroClasp Wire-to-Board System
Product Name	MicroClasp
UPC	756054244302

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	28
Circuits (maximum)	28
Color - Resin	Natural
Durability (mating cycles max)	30
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	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	1999.300/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.20mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.00mm
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
MicroClasp Dual Row Receptacle Housings	<u>51353</u>