



Part Number : 559350210

Series Number : 55935

Product Category : PCB Headers and Receptacles

Product Description : 2.00mm Pitch MicroClasp Wire-to-Board Header, Single Row, Right-Angle, 2 Circuits, with PCB Locator
Status : Active

Documents & Resources

Drawings

Drawing 559350210_sd.pdf

3D Models and Design Files

2D Drawing DXF 559350210.dxf

2D Drawing DXF (PDF) 559350210.pdf

3D Model 559350210_stp.zip

Specifications

Application Specification 561340000-AS-000.pdf


Packaging Specification 559359200-200.pdf

Product Specification 513820000-PS-001.pdf

Product Specification PS-51382-004-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not 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	55935
Description	2.00mm Pitch MicroClasp Wire-to-Board Header, Single Row, Right-Angle, 2 Circuits, with PCB Locator
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	MicroClasp Wire-to-Board System
Product Name	MicroClasp
UPC	800756632100

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)	2
Circuits (maximum)	2
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
Number of Rows	1
Orientation	Right Angle
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 Single Row Receptacle Housings	<u>51382</u>
MicroClasp-to-MicroClasp Off-the-Shelf (OTS) Cable Assemblies	<u>15136</u>