



Part Number : [559591030](#)

Product Description : 2.00mm Pitch
MicroClasp Wire-to-Board Header, Dual Row,
Right Angle, 10 Circuits

Series Number : 55959

Status : Active

Product Category : PCB Headers and
Receptacles

Documents & Resources

Drawings

[Drawing 559591030_sd.pdf](#)

3D Models and Design Files

[3D Model 559591030_stp.zip](#)

Specifications

[Application Specification 561340000-AS-000.pdf](#)


[Packaging Specification SPK-55959-001-001.pdf](#)

[Product Specification PS-51353-003-001.pdf](#)

[Product Specification PS-51353-010-001.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	55959
Description	2.00mm Pitch MicroClasp Wire-to-Board Header, Dual Row, Right Angle, 10 Circuits
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	MicroClasp Wire-to-Board System
Product Name	MicroClasp
UPC	756054218334

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)	10
Circuits (maximum)	10
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	1483.900/mg
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	3.20mm
PCB Locator	No
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>