

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0559350510](#)
Status: **Active**
Overview: [MicroClasp Wire-to-Board System](#)
Description: 2.00mm Pitch MicroClasp Wire-to-Board Header, Single Row, Right Angle, 5 Circuits, with PCB Locator

Documents:

Drawing (PDF)	Product Specification 513820000-PS-001 (PDF)
3D Model (PDF)	Product Specification PS-51382-004-001 (PDF)
3D Model	Application Specification 561340000-AS-000 (PDF)
2D Drawing (DXF)	Packaging Specification 559359200-200 (PDF)
2D Drawing DXF (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

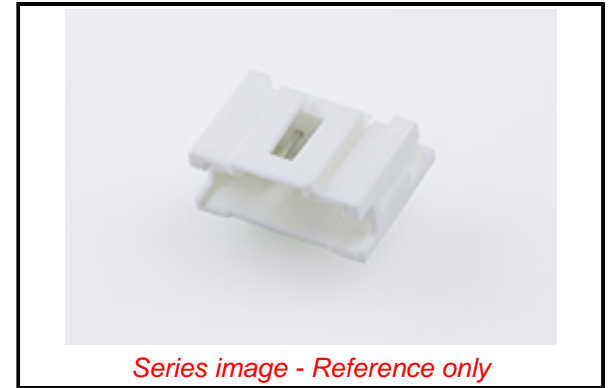
General

Product Family	PCB Headers
Series	55935
Application	Signal, Wire-to-Board
Component Type	PCB Header
Overview	MicroClasp Wire-to-Board System
Product Name	MicroClasp
Taxonomy	PCB Headers and Receptacles
UPC	800756632131

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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	623.000/mg
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.20mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.00mm
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[55935 Series](#)

Mates With

MicroClasp Receptacle Housing [51382](#)

MicroClasp Cable Assembly [15136](#)

Current - Maximum per Contact
Voltage - Maximum

3.0A
250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

561340000-AS-000

Packaging Specification

559359200-200

Product Specification

513820000-PS-001, PS-51382-004-001

Sales Drawing

SD-55935-005-001, SD-55935-005-002

This document was generated on 01/09/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION