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**Part Number:** [0559321010](#)  
**Status:** **Active**  
**Overview:** [MicroClasp Wire-to-Board System](#)  
**Description:** 2.00mm Pitch MicroClasp Wire-to-Board Header, Single Row, Vertical, 10 Circuits, with PCB Locator

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51382-004-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification 561340000-AS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 513820000-PS-001 (PDF)</a>	

**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">55932</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">MicroClasp Wire-to-Board System</a>
Product Name	MicroClasp
UPC	800756632049

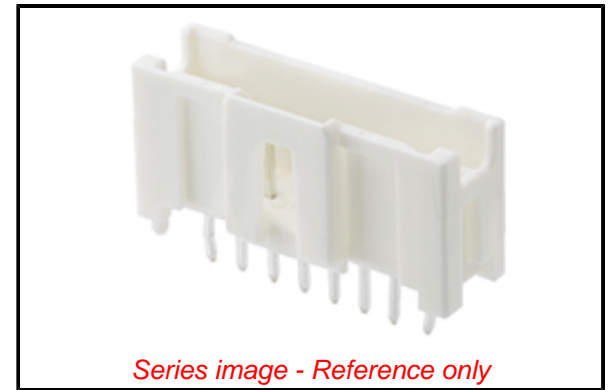
**Physical**

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
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	921.800/mg
Number of Rows	1
Orientation	Vertical
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**

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

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[55932](#) Series

**Mates With**

MicroClasp Receptacle Housing [51382](#)

**Reference - Drawing Numbers**

Application Specification

Product Specification

Sales Drawing

561340000-AS-000

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

SD-55932-002-001, SD-55932-002-002

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