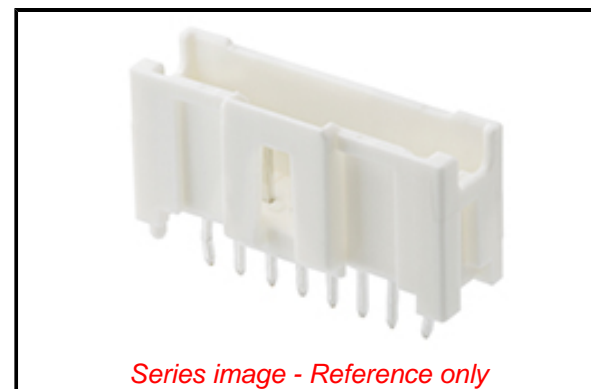


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0559320210](#)  
**Status:** **Active**  
**Overview:** [MicroClasp Wire-to-Board System](#)  
**Description:** 2.00mm Pitch MicroClasp Wire-to-Board Header, Single Row, Vertical, 2 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="#">Packaging Specification SPK-55932-001-001 (PDF)</a>
<a href="#">Product Specification 513820000-PS-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (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	800756631660

**Physical**

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
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	343.800/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**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**  
**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**  
**Status**

**Not Low-Halogen**

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[55932](#) Series

**Mates With**

MicroClasp Receptacle Housing [51382](#)  
<br>MicroClasp Cable Assembly [15136](#)

**Reference - Drawing Numbers**

Application Specification

561340000-AS-000

Packaging Specification

SPK-55932-001-001

Product Specification

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

Sales Drawing

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

This document was generated on 08/19/2020

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