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Part Number:

0559320510

Status:

Active

Overview:

MicroClasp Wire-to-Board System

Description:

2.00mm Pitch MicroClasp Wire-to-Board Header, Single Row, Vertical, 5 Circuits, with PCB Locator

Documents:

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Product Specification PS-51382-004-001 (PDF)</a>     |
| <a href="#">3D Model</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         | 55932                           |
| Application    | Signal, Wire-to-Board           |
| Component Type | PCB Header                      |
| Overview       | MicroClasp Wire-to-Board System |
| Product Name   | MicroClasp                      |
| Taxonomy       | PCB Headers and Receptacles     |
| UPC            | 800756631691                    |

Physical

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 5              |
| Circuits (maximum)             | 5              |
| 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                     | 560.600/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 |



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

55932 Series

Mates With

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

**Material Info**

**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-55932-002-001                   |

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