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Part Number:

0559591430

Status:

Active

Overview:

MicroClasp Wire-to-Board System

Description:

2.00mm Pitch MicroClasp Wire-to-Board Header, Dual Row, Right Angle, 14 Circuits

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                   |                                                                  |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Product Specification PS-51353-010-001 (PDF)</a>     |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Application Specification 561340000-AS-000 (PDF)</a> |
| <a href="#">3D Model</a>                                     | <a href="#">Packaging Specification SPK-55959-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-51353-003-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                      |                                 |
|----------------------|---------------------------------|
| Agency Certification |                                 |
| UL                   | E29179                          |
| General              |                                 |
| Product Family       | PCB Headers                     |
| Series               | 55959                           |
| Application          | Signal, Wire-to-Board           |
| Overview             | MicroClasp Wire-to-Board System |
| Product Name         | MicroClasp                      |
| Taxonomy             | PCB Headers and Receptacles     |
| UPC                  | 756054218358                    |

|                                |                  |
|--------------------------------|------------------|
| Physical                       |                  |
| Breakaway                      | No               |
| Circuits (Loaded)              | 14               |
| Circuits (maximum)             | 14               |
| 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                     | 1900.700/mg      |
| Number of Rows                 | 2                |
| Orientation                    | Right Angle      |
| PC Tail Length                 | 3.20mm           |
| PCB Locator                    | No               |
| 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                                                       | China 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 <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

55959 Series

Mates With

51353 MicroClasp Wire-to-Board Receptacle Housing

**Reference - Drawing Numbers**

|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| Application Specification | 561340000-AS-000                                                          |
| Packaging Specification   | SPK-55959-001-001                                                         |
| Product Specification     | PS-51353-003-001, PS-51353-010-001                                        |
| Sales Drawing             | SD-55959-001-001, SD-55959-003-001,<br>SD-55959-003-002, SD-55959-003-003 |

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