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Part Number:

0559592830

Status:

Active

Overview:

MicroClasp Wire-to-Board System

Description:

2.00mm Pitch MicroClasp Wire-to-Board Header, Dual Row, Right Angle, 28 Circuits

Documents:

3D Model (PDF)

3D Model

Drawing (PDF)

Product Specification PS-51353-003-001 (PDF)

Application Specification 561340000-AS-000 (PDF)

Packaging Specification SPK-55959-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                 |
|--------------------------------|---------------------------------|
| 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                            | 756054218426                    |
| Physical                       |                                 |
| Breakaway                      | No                              |
| Circuits (Loaded)              | 28                              |
| Circuits (maximum)             | 28                              |
| 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                     | 3255.600/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                                                          |
| Sales Drawing             | SD-55959-001-001, SD-55959-003-001,<br>SD-55959-003-002, SD-55959-003-003 |

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