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Part Number: [0559593630](#)
Status: **Active**
Overview: [MicroClasp Wire-to-Board System](#)
Description: 2.00mm Pitch MicroClasp Wire-to-Board Header, Dual Row, Right Angle, 36 Circuits

Documents:

| | |
|--|--|
| 3D Model | Application Specification 561340000-AS-000 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-55959-001-001 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-51353-003-001 (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 | 756054218464 |

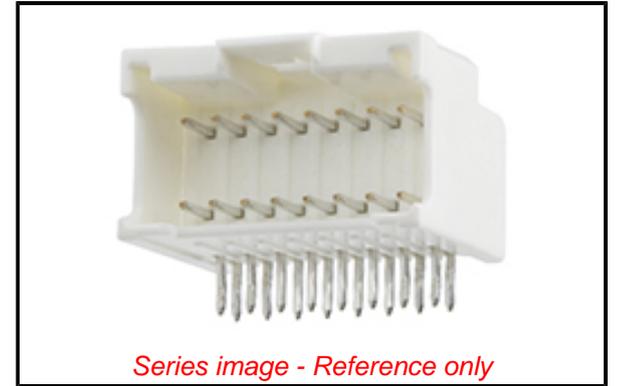
Physical

| | |
|--------------------------------|----------------|
| Breakaway | No |
| Circuits (Loaded) | 36 |
| Circuits (maximum) | 36 |
| 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 | 4059.000/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



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

[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, SD-55959-003-002, SD-55959-003-003 |

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