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Part Number: [0559590830](#)
Status: **Active**
Overview:
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Right Angle, 8 Circuits

Documents:

[3D Model](#) [Product Specification PS-51353-010 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51353-003 \(PDF\)](#)

General

| | |
|----------------|-----------------------|
| Product Family | PCB Headers |
| Series | 55959 |
| Application | Wire-to-Board |
| Overview | MicroClasp™ |
| Product Name | MicroClasp™ |

Physical

| | |
|--------------------------------|----------------|
| Breakaway | No |
| Circuits (Loaded) | 8 |
| Circuits (maximum) | 8 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Glow-Wire Compliant | 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 |
| Number of Rows | 2 |
| Orientation | Right Angle |
| PC Tail Length (in) | 0.126 In |
| PC Tail Length (mm) | 3.20 mm |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness Recommended (in) | 0.045 In |
| PCB Thickness Recommended (mm) | 1.60 mm |
| Packaging Type | Tray |
| Pitch - Mating Interface (in) | 0.079 In |
| Pitch - Mating Interface (mm) | 2.00 mm |
| Shrouded | Fully |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -25°C to +85°C |
| Termination Interface: Style | Through Hole |

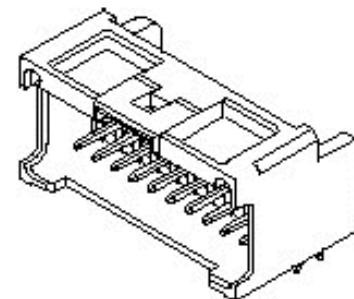
Electrical

| | |
|-------------------|------|
| Current - Maximum | 3A |
| Voltage - Maximum | 250V |

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|--------------|
| Product Specification | PS-51353-003 |
| Product Specification | PS-51353-010 |



Series image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
Halogen-Free Status

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[55959 Series](#)

Mates With

[51353 MicroClasp™ Wire-to-Board Receptacle Housing](#)

| | |
|-----------------------|---------------|
| Product Specification | RPS-51353-005 |
| Product Specification | RPS-51353-008 |
| Product Specification | RPS-51353-009 |
| Product Specification | RPS-51353-010 |
| Product Specification | RPS-51353-014 |
| Product Specification | RPS-51353-017 |
| Product Specification | RPS-51353-019 |
| Product Specification | RPS-51353-020 |
| Product Specification | RPS-51353-021 |
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| Product Specification | RPS-51353-024 |
| Product Specification | RPS-51353-025 |
| Product Specification | RPS-51353-026 |
| Product Specification | RPS-51353-028 |
| Product Specification | RPS-51353-030 |
| Sales Drawing | SD-55959-001 |
| Sales Drawing | SD-55959-003 |

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