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Part Number: [0559171810](#)
Status: **Active**
Overview: MicroClasp™ Wire-to-Board System
Description: 2.00mm Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Vertical, 18 Circuits, with PCB Locator

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-51353-010-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-51353-003-001 (PDF) | |

Agency Certification

UL E29179

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 55917 |
| Application | Signal, Wire-to-Board |
| Overview | MicroClasp™ Wire-to-Board System |
| Product Name | MicroClasp™ |
| UPC | 800756610979 |

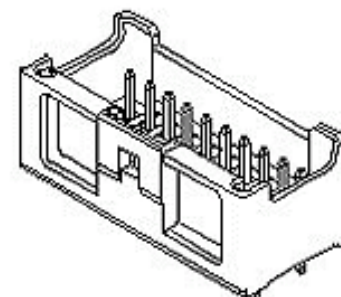
Physical

| | |
|--------------------------------|----------------|
| Breakaway | No |
| Circuits (Loaded) | 18 |
| Circuits (maximum) | 18 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| 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 |
| Net Weight | 1398.600/mg |
| Number of Rows | 2 |
| 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 | -25°C to +85°C |
| Termination Interface: Style | Through Hole |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 250V |

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[55917 Series](#)

Mates With

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

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-51353-003-001, PS-51353-010-001

SD-55917-003

This document was generated on 07/25/2017

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