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**Part Number:** [0559171030](#)  
**Status:** **Active**  
**Overview:** MicroClasp™ Wire-to-Board System  
**Description:** 2.00mm Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Vertical, 10 Circuits, without 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 756054338810

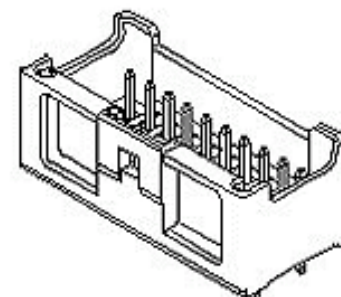
**Physical**

Breakaway No  
 Circuits (Loaded) 10  
 Circuits (maximum) 10  
 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 924.500/mg  
 Number of Rows 2  
 Orientation Vertical  
 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 -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/30/2017 (7 July  
 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto: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-55917-005

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