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**Part Number:** [55917-1610](#)  
**Status:** **Active**  
**Overview:** MicroClasp™ Wire-to-Board System  
**Description:** 2.00mm Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Vertical, 16 Circuits, with PCB Locator

**Documents:**

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

**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 800756610962

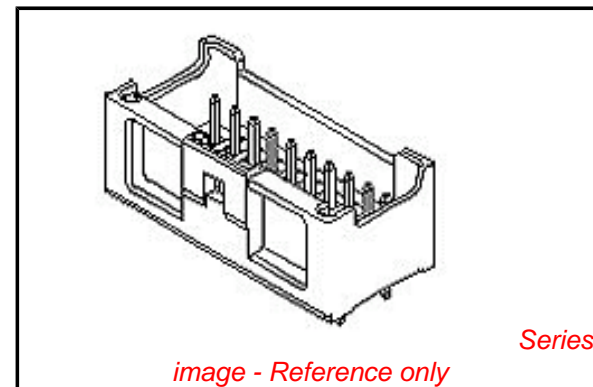
**Physical**

Breakaway No  
 Circuits (Loaded) 16  
 Circuits (maximum) 16  
 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 1278.500/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 3A  
 Voltage - Maximum 250V

**Material Info**



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[55917Series](#)

**Mates With**

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

## Reference - Drawing Numbers

Product Specification

PS-51353-003, PS-51353-010, RPS-501844-001,  
RPS-51353-005, RPS-51353-008, RPS-51353-009,  
RPS-51353-010, RPS-51353-013, RPS-51353-014,  
RPS-51353-015, RPS-51353-016, RPS-51353-019,  
RPS-51353-020, RPS-51353-021, RPS-51353-022,  
RPS-51353-023, RPS-51353-024, RPS-51353-025,  
RPS-51353-026, RPS-51353-028, RPS-51353-030,  
RPS-51353-031

Sales Drawing

SD-55917-003

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