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**Part Number:** [55917-1810](#)  
**Status:** **Active**  
**Overview:** [MicroClasp™](#)  
**Description:** 2.00mm Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Vertical, 18 Circuits, with PCB Locator

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51353-010 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51353-003 (PDF)</a>	

**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">55917</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">MicroClasp™</a>
Product Name	MicroClasp™
UPC	800756610979

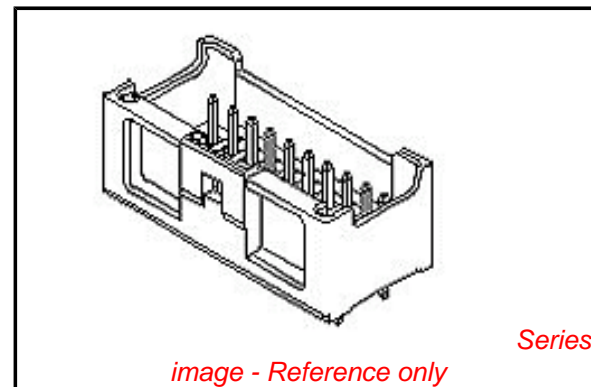
**Physical**

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	3A
Voltage - Maximum	250V

**Material Info**



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**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-51353-016, 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  
SD-55917-003

Sales Drawing

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