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Part Number: [0559591630](#)
Status: **Active**
Overview:
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Right Angle, 16 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)	16
Circuits (maximum)	16
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

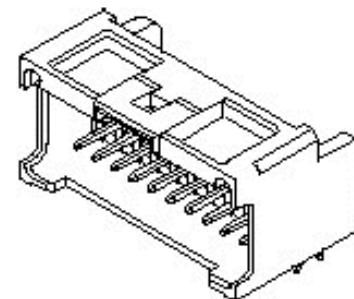
Electrical

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 Contains SVHC: No
Halogen-Free Status

China RoHS



Not Halogen-Free

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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