

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0559351230](#)
Status: **Active**
Overview: MicroClasp™ Wire-to-Board System
Description: 2.00mm Pitch MicroClasp™ Wire-to-Board Header, Single Row, Right Angle, 12 Circuits, without PCB Locator

Documents:

[3D Model](#) [Product Specification PS-51382-004-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	55935
Application	Signal, Wire-to-Board
Overview	<u>MicroClasp™ Wire-to-Board System</u>
Product Name	MicroClasp™
UPC	756054247587

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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
Net Weight	1130.500/mg
Number of Rows	1
Orientation	Right Angle
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

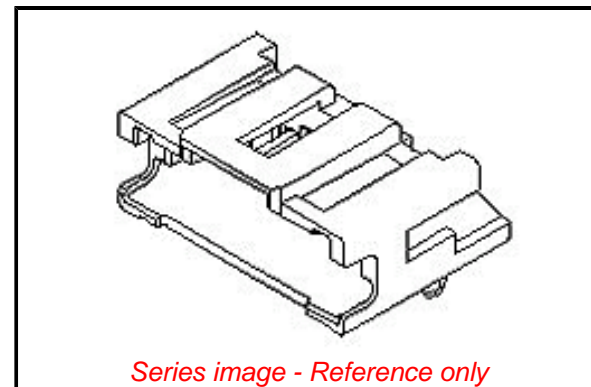
Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-51382-004-001
Sales Drawing	SD-55935-002



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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[55935 Series](#)

Mates With

[51382 MicroClasp™ Wire-to-Board Receptacle Housing](#)

This document was generated on 08/02/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION