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**Part Number:** [0496160711](#)  
**Status:** **Active**  
**Overview:** [hsautolink](#)  
**Description:** 0.031mm (0.80") Pitch HSAutoLink™ Right Angle Header, 5 Circuit, Type A

**Documents:**

[3D Model](#) [Packaging Specification PK-49616-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-49616-001 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">49616</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">hsautolink</a>
Product Name	HSAutoLink™

**Physical**

Breakaway	No
Circuits (Loaded)	5
Color - Resin	Black
Durability (mating cycles max)	250
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 - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Tray
Pitch - Mating Interface	0.80mm (.031")
Pitch - Termination Interface	0.80mm (.031")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	No
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole

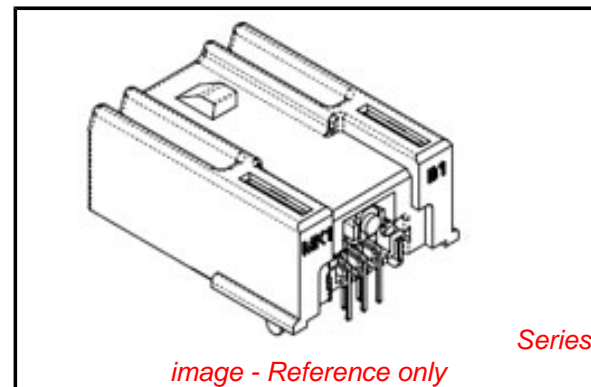
**Electrical**

Current - Maximum per Contact	1A
Voltage - Maximum	5V (RMS)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-49616-001
Product Specification	PS-49616-001
Sales Drawing	SD-49616-001



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



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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**

[49616Series](#)

**Mates With**

HS AutoLink™ Cable Assembly [111014](#)  
, [111015](#) , [111005](#) , [111041](#) , [111019](#) ,  
[111020](#)

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