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**Part Number:** [49616-0711](#)  
**Status:** **Active**  
**Overview:** HSAutoLink™ Interconnect System (USCAR USB High Speed Data Bus)  
**Description:** 0.80mm 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	49616
Application	Signal, Wire-to-Board
Overview	HSAutoLink™ Interconnect System (USCAR USB High Speed Data Bus)
Product Name	HSAutoLink™
UPC	883906124670

**Physical**

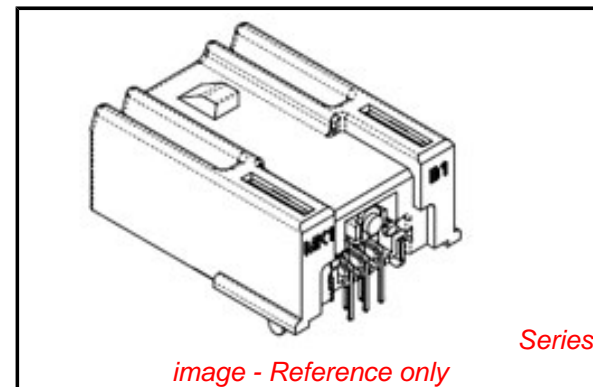
Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	250
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	3713.790/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
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**



*image - Reference only*

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status 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**

49616Series

**Mates With**

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

Packaging Specification  
Product Specification  
Sales Drawing

PK-49616-001  
PS-49616-001  
SD-49616-001

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