

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0496160715**  
**Status:** **Active**  
**Overview:** HSAutoLink Interconnect Systems  
**Description:** 0.80mm Pitch HSAutoLink Right-Angle Header, Through Hole, 5 Circuit, Type B

**Documents:**

|  |  |
|--|--|
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-49616-001-001 (PDF)</a> |
| <a href="#">3D Model</a>                                     | <a href="#">Datasheet (PDF)</a>                                |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |
| <a href="#">Product Specification PS-49616-001-001 (PDF)</a> |  |

**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers   |
| Series         | 49616   |
| Application    | Automotive, Signal, Wire-to-Board   |
| Comments       | Higher current rating achievable, please contact PM for additional technical information. |
| Component Type | PCB Header  |
| Overview       | <u>HSAutoLink Interconnect Systems</u>  |
| Product Name   | HSAutoLink  |
| Taxonomy       | PCB Headers and Receptacles   |
| UPC            | 883906124663  |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 5                              |
| Circuits (maximum)             | 5                              |
| Color - Resin                  | Gray                           |
| Durability (mating cycles max) | 25                             |
| First Mate / Last Break        | No                             |
| Glow-Wire Capable              | 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 | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 3.700/g                        |
| 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                         |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 3.810µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Shrouded                       | No                             |
| Stackable                      | No                             |
| Temperature Range - Operating  | -40° to +85°C                  |
| Termination Interface: Style   | Through Hole                   |

**Electrical**



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

49616 Series

**Mates With**

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

Current - Maximum per Contact  
Voltage - Maximum

1.0A  
5V (RMS)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-49616-001-001

Product Specification

PS-49616-001-001

Sales Drawing

SD-49616-002-001

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