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Part Number:

1040040501

Status:

Active

Overview:

HSAutoLink Interconnect Systems

Description:

0.80mm Pitch USCAR Mini B Vertical Header, Through Hole, 5 Circuit, Type A

Documents:

- 3D Model

Packaging Specification PK-104004-001-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-104004-004-001 (PDF)
- 3D Model (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-49616-001 (PDF)

General

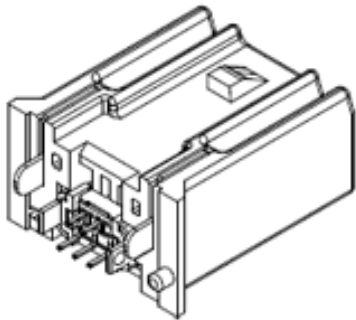
|                |                                                                                           |
|----------------|-------------------------------------------------------------------------------------------|
| Product Family | PCB Headers                                                                               |
| Series         | 104004                                                                                    |
| Application    | Automotive, Signal, Wire-to-Board                                                         |
| Comments       | Higher current rating achievable, please contact PM for additional technical information. |
| Overview       | HSAutoLink Interconnect Systems                                                           |
| Product Name   | HSAutoLink                                                                                |
| UPC            | 883906580117                                                                              |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 5                              |
| Circuits (maximum)             | 5                              |
| Color - Resin                  | Black                          |
| 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                     | 3.458/g                        |
| Number of Rows                 | 1                              |
| Orientation                    | Vertical                       |
| 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

|                               |          |
|-------------------------------|----------|
| Current - Maximum per Contact | 1.0A     |
| Voltage - Maximum             | 5V (RMS) |



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

Halogen-Free

Status

Low-Halogen

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Compliant     |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

104004 Series

Mates With

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

**Material Info**

**Reference - Drawing Numbers**

|                         |                                      |
|-------------------------|--------------------------------------|
| Packaging Specification | PK-104004-001-001, PK-104004-004-001 |
| Product Specification   | PS-49616-001                         |
| Sales Drawing           | SD-104004-001                        |

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