



Connectors > PCB Connectors > PCB Headers & Receptacles > Low & Medium Power Header



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Number of Rows: **1**

Centerline (Pitch): **3.1 mm [.122 in]**

Header Type: **Fully Shrouded**

[All Low & Medium Power Header \(64\)](#)

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Mixed & Hybrid Header             | No                    |
| Connector Shape                   | Rectangular           |
| PCB Connector Type                | PCB Mount Header      |
| Header Type                       | Fully Shrouded        |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type            | Connector Assembly    |

Configuration Features

|                            |          |
|----------------------------|----------|
| Number of Signal Positions | 2        |
| Number of Sections         | 1        |
| PCB Mount Orientation      | Vertical |
| Number of Rows             | 1        |



Electrical Characteristics

|                              |        |
|------------------------------|--------|
| Operating Voltage            | 12 VDC |
| Voltage Rating (Max)         | 12 VDC |
| Nominal Voltage Architecture | 12 V   |

Body Features

|                         |        |
|-------------------------|--------|
| Connector & Keying Code | A      |
| Primary Product Color   | Yellow |

Contact Features

|                                      |               |
|--------------------------------------|---------------|
| Mating Pin Diameter                  | 1 mm[.039 in] |
| Contact Mating Area Plating Material | Gold (Au)     |
| Contact Type                         | Pin           |

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

|                     |         |
|---------------------|---------|
| Panel Mount Feature | Without |
| Mounting Holes      | Without |
| PCB Mount Retention | Without |
| PCB Mount Alignment | Without |
| Mating Alignment    | With    |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 3.1 mm[.122 in] |
|--------------------|-----------------|

Dimensions

|                         |                   |
|-------------------------|-------------------|
| Connector Width         | 11.04 mm[.435 in] |
| Profile Height from PCB | 9.3 mm[.366 in]   |
| Connector Length        | 11.04 mm[.435 in] |

Usage Conditions

|                             |                                                                |
|-----------------------------|----------------------------------------------------------------|
| Operating Temperature (Max) | 65 °C, 70 °C, 75 °C, 80 °C[149 °F][158 °F]<br>[167 °F][176 °F] |
| Operating Temperature Range | -30 – 80 °C[-22 – 176 °F]                                      |

Operation/Application

|          |    |
|----------|----|
| Shielded | No |
|----------|----|

Packaging Features



|                  |             |
|------------------|-------------|
| Packaging Method | Loose Piece |
|------------------|-------------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                     |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                     |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.                                                                        |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                  |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 1612121-5  
SQUIB 2POS PLUG HSG



TE Part # 1612121-3  
SQUIB PLUG HSG

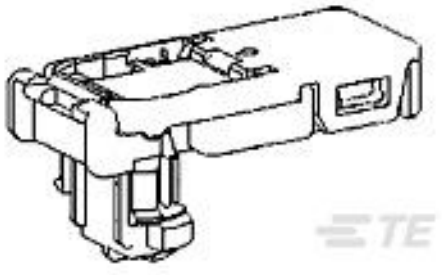


TE Part # 1612121-1  
SQUIB 2POS PLUG HSG

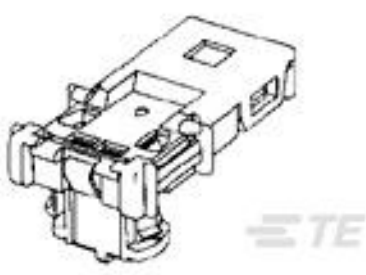


TE Part # 1612121-2  
SQUIB 2POS PLUG HSG

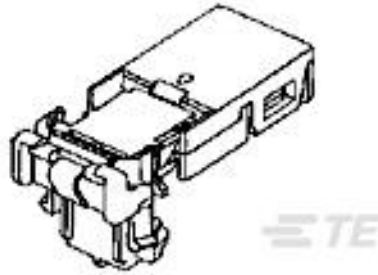




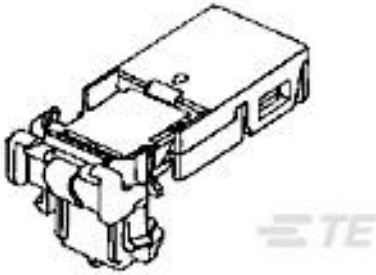
TE Part # 1376688-1  
11DIA SQUIB SLIM PLUG HSG YELL



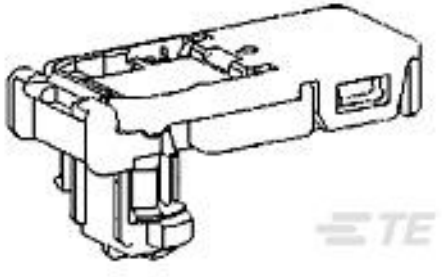
TE Part # 1473139-1  
SQUIB 11DIA MK-2 PLUG HSG



TE Part # 1612120-1  
11DIA SQUIB SLIM MK-2 PLUG HSG



TE Part # 1612120-3  
11DIA SQUIB SLIM MK-2 PLUG HSG



TE Part # 1376688-3  
11DIA SQUIB SLIM PLUG HSG ORNG

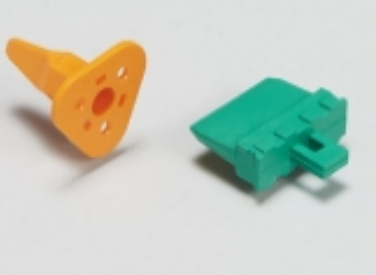


TE Part # 1612121-4  
SQUIB 2POS PLUG HSG

Also in the Series | AMP Auto Squib Products



Automotive Connector Caps & Covers  
(2)



Automotive Connector Locks &  
Position Assurance(5)



Automotive Headers(1)



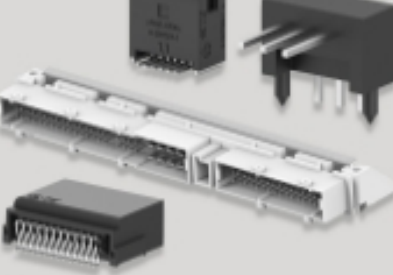
Automotive Housings(12)



Connector Contacts(1)



Other Automotive Connector  
Accessories(19)



PCB Headers & Receptacles(1)

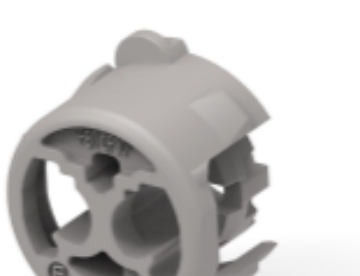


Power Contacts(1)

Customers Also Bought



TE Part #1473369-9  
SQUIB 11DIA SCR ASSY 8.8MM TYPE



TE Part #1801938-3  
2POS,PIN DIA 1.0,HEADER HSG,  
RETAINER,Y



TE Part #1-1473369-4  
SQUIB 11DIA SCR ASSY 8.8MM TYPE



TE Part #1801938-1  
2POS,PIN DIA 1.0,HEADER HSG,  
RETAINER,W



TE Part #1473369-1  
SQUIB 11DIA SCR ASSY 8.8MM TYP

TE Part #1-1823640-1  
SHORT CIRC PLUG,AK2,ASSY

TE Part #1473369-4  
SQUIB 11DIA SCR ASSY 8.8MM TYP

TE Part #2-1823640-1  
SHORT CIRC PLUG,AK2,ASSY

TE Part #1-1703884-2  
2POS,SHORT CIRC SPR,HOUSING,  
ASSY

TE Part #1-1703885-1  
2POS,SHORT CIRC SPR,HOUSING

Documents

Product Drawings

SQUIB 11DIA SCR ASSY 9.3MM TYP

Japanese

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1376766-1\_A.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1376766-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1376766-1\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

SQUIB 11DIA SHORT CIRCUIT RING

Japanese

SQUIB 11DIA SHORT CIRCUIT RING

Japanese

Product Specification

Japanese

Product Specification

Japanese





Instruction Sheets

11DIA SQUIB SCR ASSY

English

Instruction Sheet (non U.S.)

English