

1612121-3 ✓ ACTIVE

AMP | AMP Auto Squib Products

TE Internal #: 1612121-3

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2 Position, .122 in [3.1 mm] Centerline, Yellow, AMP Auto Squib Products

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings



Connector & Housing Type: **Housing for Female Terminals**

Mating Pin Diameter: **1 mm [ .039 in ]**

Connector System: **Wire-to-Board, Wire-to-Device**

Number of Positions: **2**

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

## Features

### Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	No
Hybrid Connector	No

### Configuration Features

Number of Positions	2
Number of Rows	1

### Body Features

Cable Exit Angle	90°
Body Material	PBT
Primary Product Color	Yellow
Connector Code	A

### Contact Features

Contact Size	1mm
Contact Type	Socket
Mating Pin Diameter	1 mm[.039 in]

### Mechanical Attachment



Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Centerline (Pitch)	3.1 mm[.122 in]
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### Dimensions

Product Width	12.6 mm[.496 in]
Product Length	16.2 mm[.638 in]
Product Height	19.4 mm[.764 in]

### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C[158 °F][167 °F][176 °F]
Operating Temperature Range	-30 – 80 °C[-22 – 176 °F]

### Industry Standards

UL Flammability Rating	UL 94HB
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### Packaging Features

Packaging Quantity	100
Packaging Method	Bag

### Other

Serviceable	Yes
Connector Position Assurance Capable	No

### 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: JUNE 2022 (224) Candidate List Declared Against: JUN 2020 (209)



SVHC > Threshold:  
Not Yet Reviewed

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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 # 1376766-1  
SQUIB 11DIA SCR ASSY 9.3MM TYP



TE Part # 1827120-1  
SQUIB LOCKING BUTTON



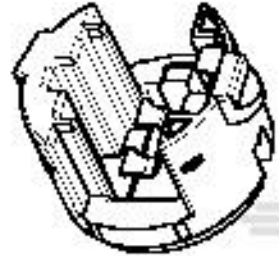
TE Part # 1473369-1  
SQUIB 11DIA SCR ASSY 8.8MM TYP



TE Part # 1612122-1  
SQUIB LOCKING BUTTON



TE Part # 1612124-3  
1DIA SOCKET AU



TE Part # 1376766-3  
SQUIB 11DIA SCR ASSY 9.3MM TYP



TE Part # 1473369-3  
SQUIB 11DIA SCR ASSY 8.8MM TYP



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



TE Part # 1473369-5  
SQUIB 11DIA SCR ASSY 8.8MM TYP



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



TE Part # 1473369-7  
SQUIB 11DIA SCR ASSY CODE-A GR



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

## Also in the Series | AMP Auto Squib Products



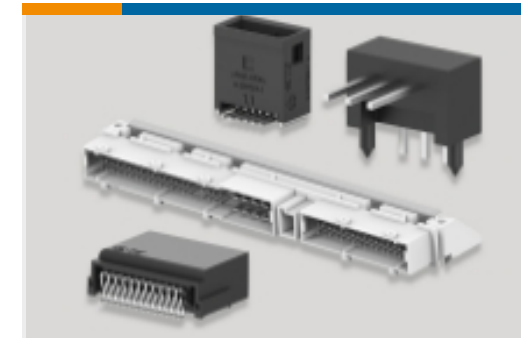
Automotive Housings(13)



Automotive Terminals(2)



Other Automotive Connector Accessories(8)



PCB Headers &amp; Receptacles(1)

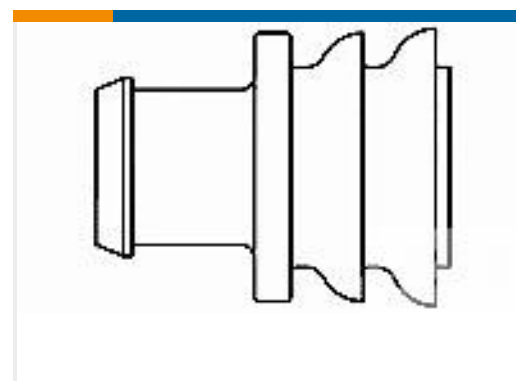
## Customers Also Bought



TE Part #DT06-2S  
DEUTSCH DT Series Housings & Connectors



TE Part #W2S  
DEUTSCH DT WEDGELOCKS



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #0460-202-16141  
DEUTSCH SOLID CONTACTS



TE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

## Documents

### Product Drawings

#### SQUIB PLUG HSG

Japanese

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1612121-3\\_E.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1612121-3\\_E.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1612121-3\\_E.2d\\_dxf.zip](#)



English

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

### Product Specifications

[SQUIB Connector 11DIA](#)

Japanese

[Product Specification](#)

Japanese

[SQUIB Connector 11DIA](#)

Japanese

[Product Specification](#)

Japanese

[11DIA SQUIB CONNECTOR COMPACT TYPE](#)

Japanese

### Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

Japanese