1612120-1 ✔ ACTIVE

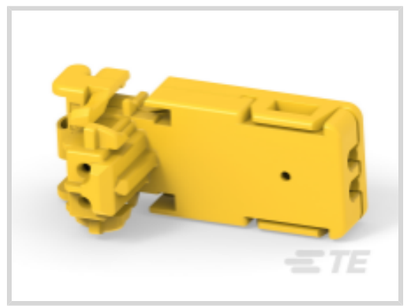
AMP | AMP Auto Squib Products

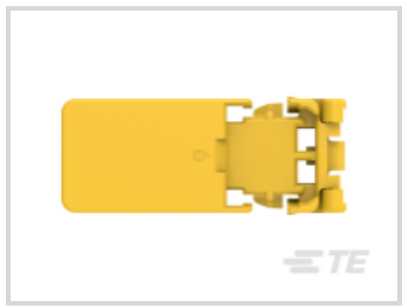
TE Internal #: 1612120-1

12 V, 1 Position, Automotive Housing for Female Terminals, Wire-to-Board / Wire-to-Device, Yellow, Wire & Cable, AMP Auto Squib Products

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings




Nominal Voltage Architecture: **12 V**

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

Number of Positions: **1**

Sealable: **No**

Operating Temperature Range: **-30 – 80 °C [-22 – 176 °F]**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Board, Wire-to-Device
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	90°
Primary Product Color	Yellow

Contact Features

Contact Size	1mm
Contact Type	Socket
Mating Pin Diameter	1 mm[.04 in]

Mechanical Attachment

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

Housing Features

Housing Material	PBT

Dimensions

Product Width	11.8 mm[.465 in]
Product Length	16.6 mm[.654 in]
Connector Height	29.5 mm[1.161 in]

Usage Conditions

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

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Bag
Packaging Quantity	100

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

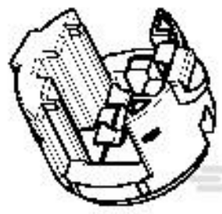
Product Compliance Disclaimer

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



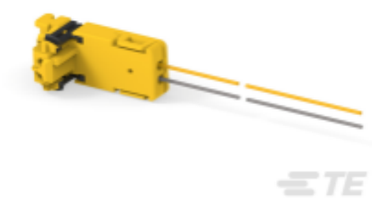
TE Part # 1376766-3
SQUIB 11DIA SCR ASSY 9.3MM TYP



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



TE Part # 1612119-1
11DIA SQUIB SLIM MK-2 LOCKING



TE Part # 2410747-2
CHERY M1AEV AKI PIGTAIL



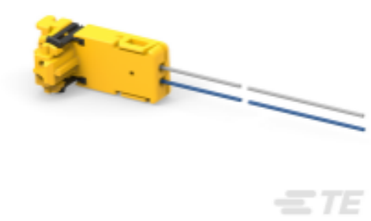
TE Part # 1473369-1
SQUIB 11DIA SCR ASSY 8.8MM TYP



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



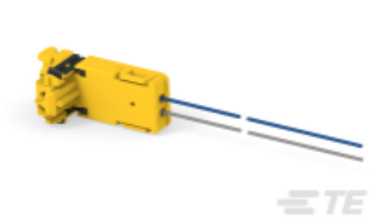
TE Part # 1473369-5
SQUIB 11DIA SCR ASSY 8.8MM TYP



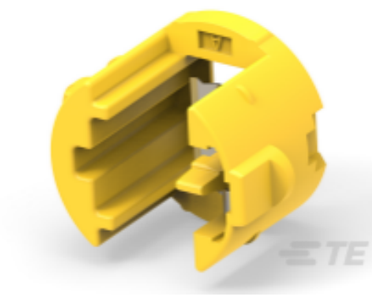
TE Part # 2290375-1
GAC A28 SQUIB AKI PIGTAILS FOR XINLI



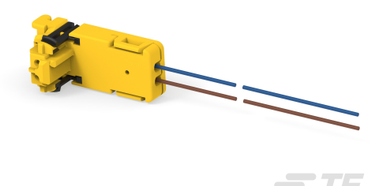
TE Part # 2377788-1
GAC A60 Squib AKI PIGTAIL



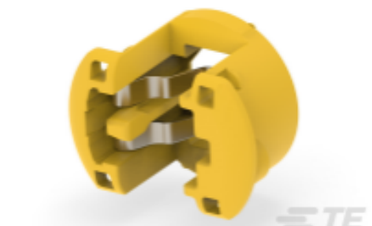
TE Part # 2396480-1
HA1 AKI CABLE ASSY



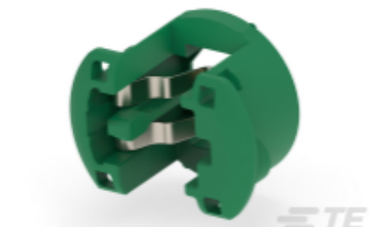
TE Part # 1376766-1
SQUIB 11DIA SCR ASSY 9.3MM TYP



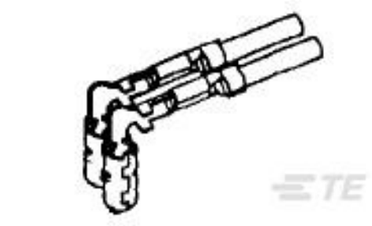
TE Part # 2410747-1
CHERY M1AEV AKI PIGTAIL



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



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



TE Part # 353376-3
SQUIB CONT 1MM PIN DIA SOCKET

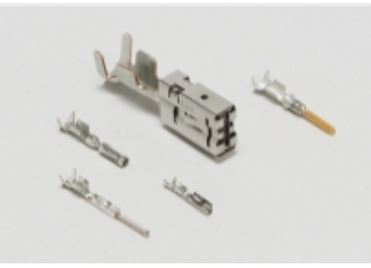
Also in the Series | AMP Auto Squib Products



Automotive Connector Caps & Covers (2)



Automotive Signal & Power Headers(1)



Automotive Terminals(4)

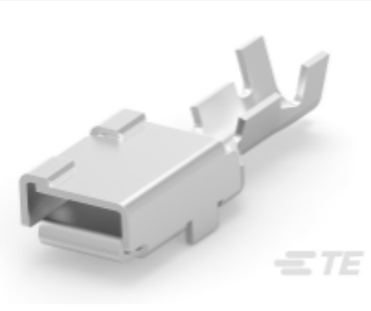


Connector Contacts(1)

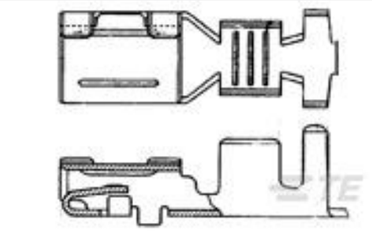


Power Contacts(1)

Customers Also Bought



TE Part #175038-1
FF 187 REC 0.3-0.5MM2 PTBR



TE Part #175042-1
FF 187 REC 2-3MM2 PTBR



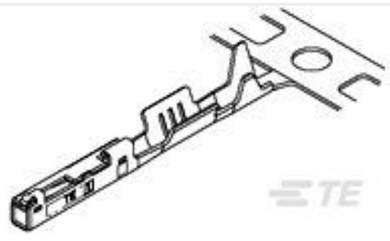
TE Part #175150-1
UNIVERSAL POWER CONN TAB



TE Part #3-353294-4
AMP MINI D/R HDR HSG 34P NATU



TE Part #1747050-1
GRACE INERTIA CONNECTOR 7.92 2POS PLUG H



TE Part #1827855-2
0.50 SERIES CONNECTER RECEPTACLE CONTACT



TE Part #2272633-4
CU ALLOY,OUTER FERRULE,COAX



TE Part #1587828-1
INNER FERRULE, SIZE A, HVA280-2PI



TE Part #1587829-1
OUTER FERRULE, SIZE A, HVA280-2PI



TE Part #2-2310540-1
HVA280 2P HDR ASSY, KEYA, HB, SN SHIELD

Documents

Product Drawings

11DIA SQUIB SLIM MK-2 PLUG HSG

English

11DIA SQUIB SLIM MK-2 PLUG HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1612120-1_C1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1612120-1_C1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1612120-1_C1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Application Specification

Japanese

Instruction Sheets

11dia squib connector checker

Japanese

Instruction Sheet (non U.S.)

Japanese