

282108-1

✓ ACTIVE

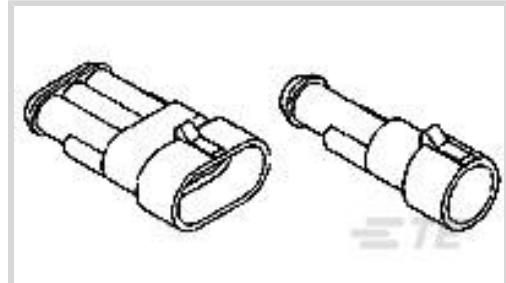
AMP | AMP Superseal 1.5mm Series

TE Internal #: 282108-1

AMP Superseal 1.5mm Series, Housing for male terminals, Wire-to-Wire, 6 Position, 6mm [.236in] Centerline, Sealable, Black, Signal

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Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings > AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Connector Style: **Housing for male terminals**Mating Tab Width: **1.5 mm [.059 in]**Connector System: **Wire-to-Wire**Number of Positions: **6**Centerline (Pitch): **6 mm [.236 in]**[All AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING \(26\)](#)

Features

Product Type Features

Connector Style	Housing for male terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing
Strain Relief	No

Configuration Features

Number of Positions	6
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V
Operating Voltage	24 VDC

Body Features

Cable Exit Angle	180°
Body Material	PA GF
Color	Black

Contact Features

Mating Tab Width	1.5 mm[.059 in]
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Mechanical Attachment

Terminal Position Assurance	Yes
Mounting Feature	Without
Polarized	Yes

Housing Features

Centerline (Pitch)	6 mm[.236 in]
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Dimensions

Height	42 mm[1.654 in]
Length	43.8 mm[1.724 in]
Width	13.8 mm[.543 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C, -40 – 125 °C[-40 – 257 °F][-40 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Box
Packaging Quantity	550

Other

Serviceable	No
Connector Position Assurance Capable	No

Product Compliance

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

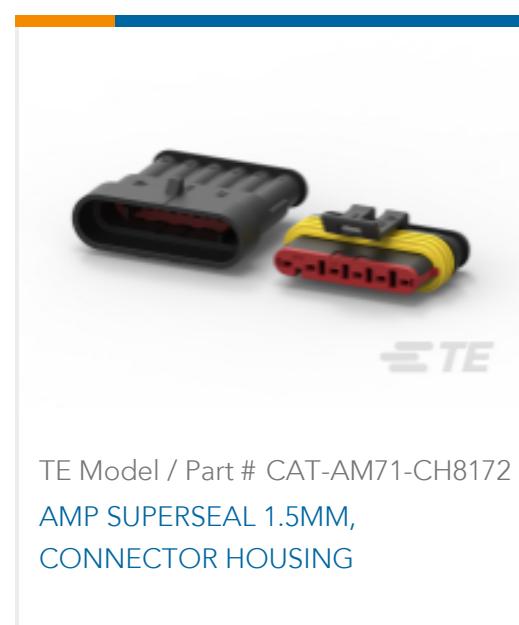
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	

	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



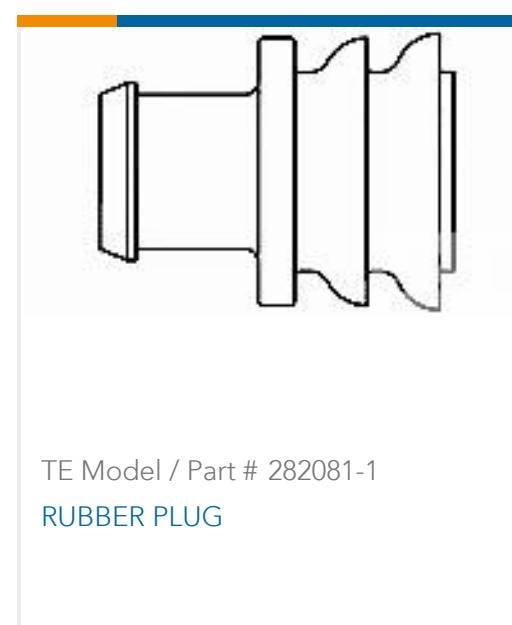
TE Model / Part # CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Model / Part # CAT-AM71-T273
AMP SUPERSEAL 1.5MM,
RECEPTACLE AND TAB



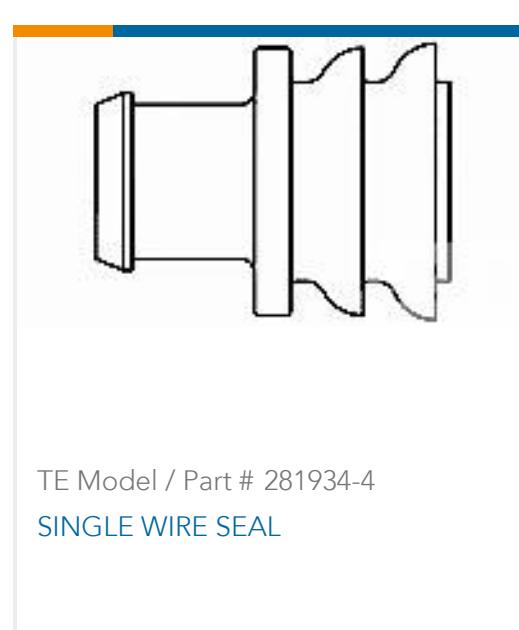
TE Model / Part # 281934-3
SINGLE WIRE SEAL



TE Model / Part # 282081-1
RUBBER PLUG

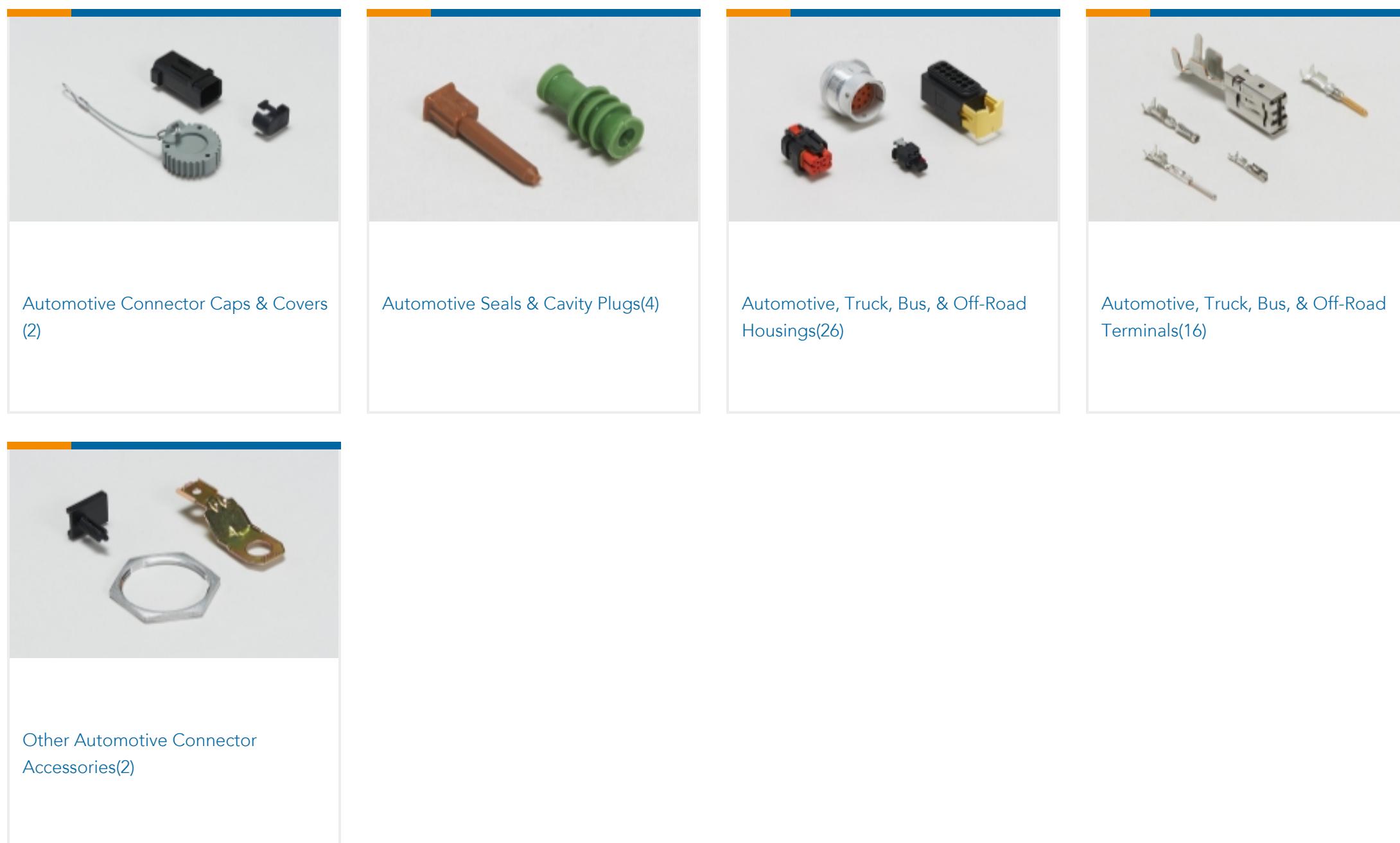


TE Model / Part # 281934-2
SINGLE WIRE SEAL

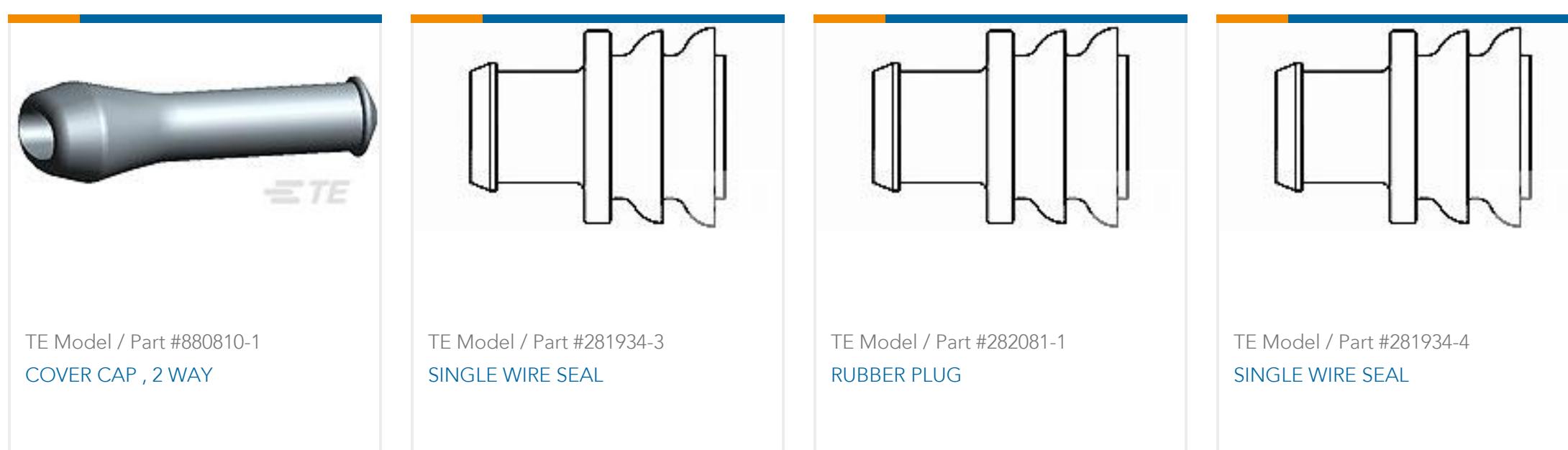


TE Model / Part # 281934-4
SINGLE WIRE SEAL

Also in the Series | **AMP Superseal 1.5mm Series**



Customers Also Bought



Documents

Product Drawings

[AMP SUPERSEAL 1.5 SERIES 6P CA](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_282108-1_C.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_282108-1_C.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_282108-1_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages**AMP SUPERSEAL 1.5mm Connector System**

English

[ICT Terminals and Connectors Catalogue](#)

English

Product Specifications**Product Specification**

English

Instruction Sheets**AMP SUPERSEAL 1.5 SERIES**

English

[Customer Manual \(non U.S.\)](#)

English