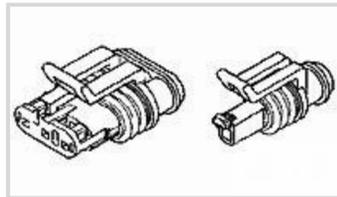# 282079-2 ✓ ACTIVE

AMP | AMP Superseal 1.5mm Series
TE Internal #: 282079-2
Housing for Female Terminals, Wire-to-Wire / Wire-to-Board / Wire-to-Device, 1 Position, Sealable, Black, Wire & Cable, AMP Superseal 1.5mm Series
View on TE.com >

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

Mating Tab Width: **1.2 mm [.047 in]**

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

Number of Positions: **1**

Sealable: **Yes**

All AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING (26)

Features

Product Type Features

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

Configuration Features

Number of Positions	1
Number of Rows	1

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
Body Material	PA GF

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Housing for Female Terminals, Wire-to-Wire / Wire-to-Board / Wire-to-Device, 1
Position, Sealable, Black, Wire & Cable, AMP Superseal 1.5mm Series

Primary Product Color	Black
Connector Code	Neutral

Contact Features

Contact Size	1.2mm
Contact Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]
Contact Current Rating (Max)	14 A

Mechanical Attachment

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

Dimensions

Product Width	9.3 mm[.366 in]
Product Length	9.3 mm[.366 in]
Product Height	29.9 mm[1.177 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Degree of Protection	IP67

Packaging Features

Packaging Quantity	1500
Packaging Method	Bag

Other

Serviceable	Yes

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Housing for Female Terminals, Wire-to-Wire / Wire-to-Board / Wire-to-Device, 1
Position, Sealable, Black, Wire & Cable, AMP Superseal 1.5mm Series

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: JUNE 2022 (224) 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
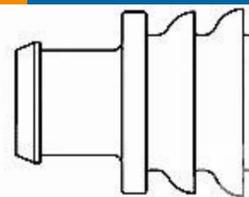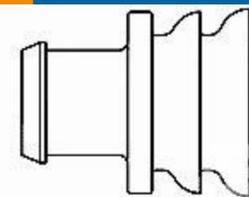
Compatible Parts
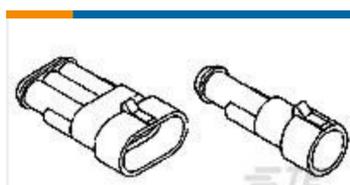
TE Part # 282103-1
AMP SUPERSEAL 1.5 SERIES 1P CA
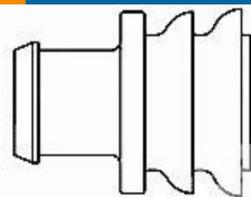
TE Part # 281934-3
SINGLE WIRE SEAL

TE Part # 282081-1
RUBBER PLUG
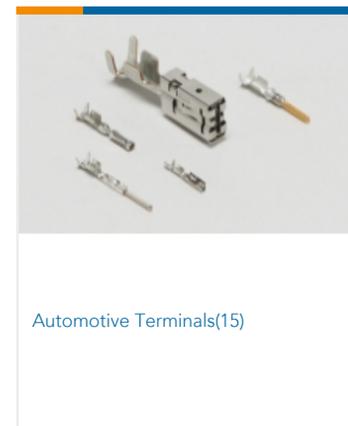

TE Part # 281934-4
SINGLE WIRE SEAL

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Housing for Female Terminals, Wire-to-Wire / Wire-to-Board / Wire-to-Device, 1
Position, Sealable, Black, Wire & Cable, AMP Superseal 1.5mm Series

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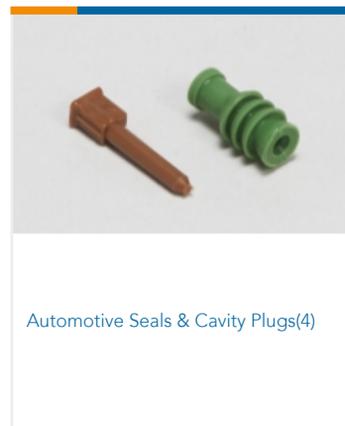AMP SUPERSEAL 1.5MM,
RECEPTACLE AND TAB

TE Part # 281934-2
SINGLE WIRE SEAL

Also in the Series | AMP Superseal 1.5mm Series

Automotive Connector Caps & Covers
(2)

Automotive Housings(26)

Automotive Seals & Cavity Plugs(4)

Automotive Terminals(15)

Insertion & Extraction Tools(4)

Other Automotive Connector
Accessories(2)
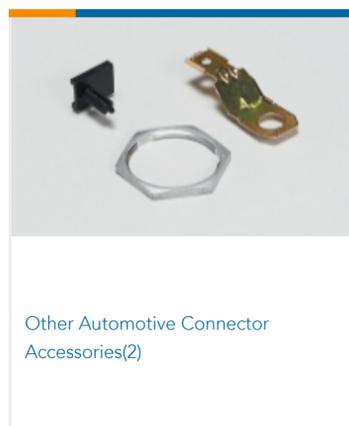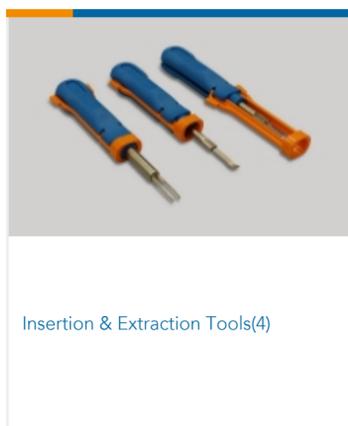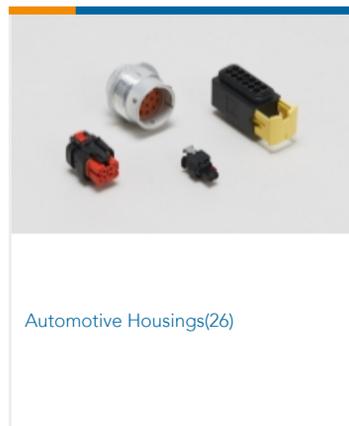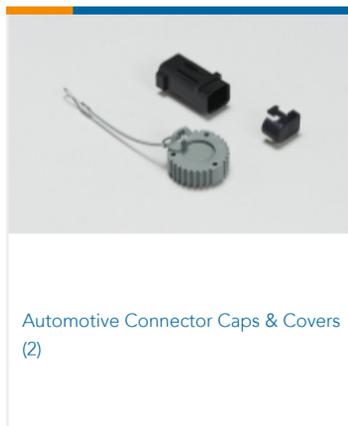
Documents

Product Drawings
AMP SUPERSEAL 1.5 SERIES 1P PL

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_282079-2_G.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_282079-2_G.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_282079-2_G.3d_stp.zip

English

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Housing for Female Terminals, Wire-to-Wire / Wire-to-Board / Wire-to-Device, 1
Position, Sealable, Black, Wire & Cable, AMP Superseal 1.5mm Series

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

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