

282090-1 ✓ ACTIVE

AMP | AMP Superseal 1.5mm Series

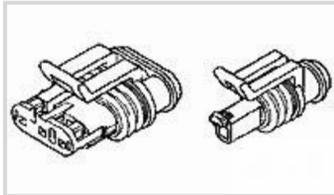
TE Internal #: 282090-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 6 Position, .236 in [6 mm] Centerline, AMP Superseal 1.5mm Series

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings > AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



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

Mating Tab Width: **1.5 mm [.059 in]**

Connector System: **Wire-to-Board, Wire-to-Device, 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 Shape	Rectangular
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	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
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



Primary Product Color	Black
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Connector Code	Neutral
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Contact Features

Contact Size	1.5mm
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Contact Type	Receptacle
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Mating Tab Width	1.5 mm[.059 in]
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Contact Current Rating (Max)	14 A
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Mechanical Attachment

Mounting Feature	Without
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Terminal Position Assurance	No
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Strain Relief	Without
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Mating Alignment Type	Polarization Slot
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

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

Product Width	36.8 mm[1.449 in]
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Product Length	36.8 mm[1.449 in]
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Product Height	32.2 mm[1.268 in]
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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]
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Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP67
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Packaging Features

Packaging Quantity	350
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Packaging Method	Bag
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Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

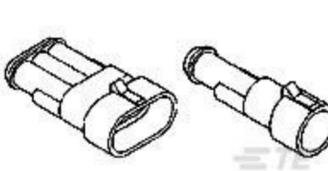
[For compliance documentation, visit the product page on TE.com>](#)

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: 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

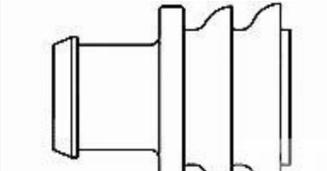
Product Compliance Disclaimer

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>

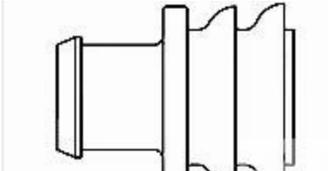
Compatible Parts



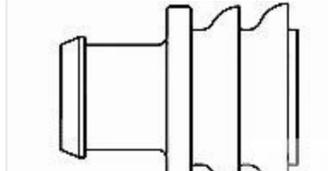
TE Part # 282108-1
AMP SUPERSEAL 1.5 SERIES 6P CA



TE Part # 281934-3
SINGLE WIRE SEAL



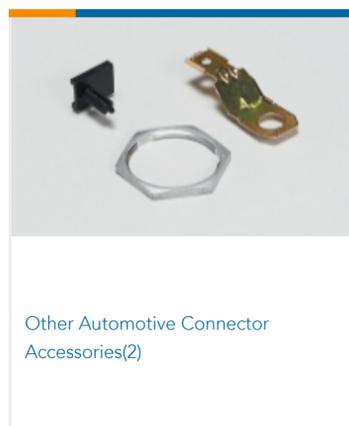
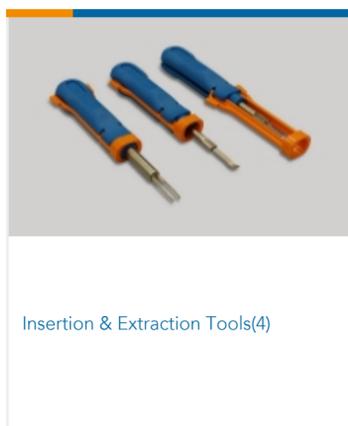
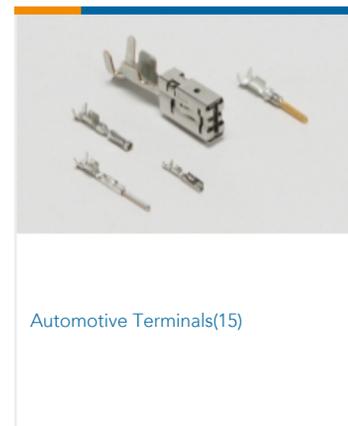
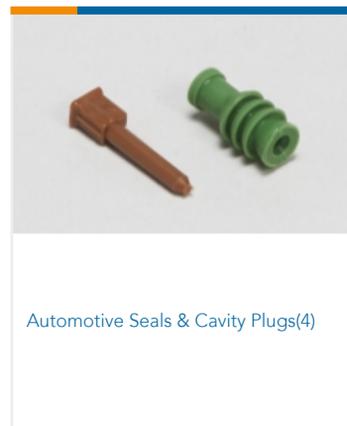
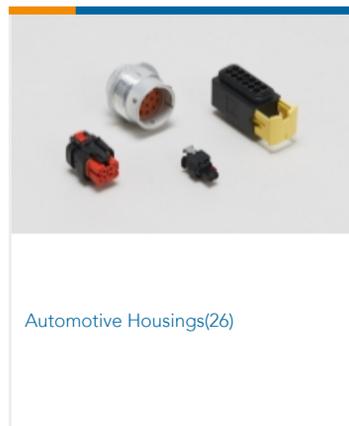
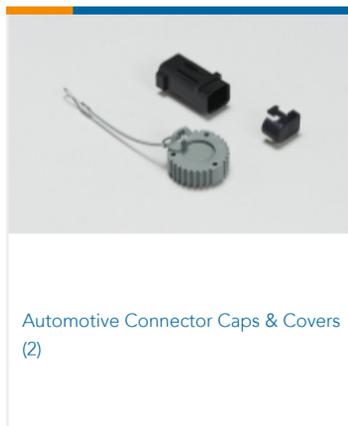
TE Part # 282081-1
RUBBER PLUG



TE Part # 281934-4
SINGLE WIRE SEAL



Also in the Series | AMP Superseal 1.5mm Series



Documents

Product Drawings

AMP SUPERSEAL 1.5 SERIES 6P PL

English

AMP SUPERSEAL 1.5 SERIES 6P PL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282090-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282090-1_D.3d_igs.zip

English

Customer View Model



[ENG_CVM_CVM_282090-1_D.3d_stp.zip](#)

English

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

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Instruction Sheets

[AMP SUPERSEAL 1.5 SERIES](#)

English

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

English