

### AMP | AMP Superseal 1.5mm Series

TE Internal #: 282108-1

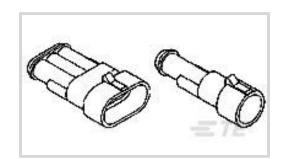
Housing for Male Terminals, Wire-to-Wire, 6 Position, .236 in [6 mm] Centerline, Sealable, Black, Wire & Cable, Signal, AMP

Superseal 1.5mm Series

View on TE.com >



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



Connector & Housing Type: Housing for Male Terminals

Connector System: Wire-to-Wire

Number of Positions: 6

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

Sealable: Yes

All AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING (26)

### **Features**

## **Product Type Features**

| Connector Shape                   | Rectangular                |
|-----------------------------------|----------------------------|
| Connector & Housing Type          | Housing for Male Terminals |
| Connector System                  | 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               | 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                      |

Black

Primary Product Color



| Connector Code                       | Neutral   |
|--------------------------------------|---|
| Contact Features                     |   |
| Contact Size                         | 1.5mm   |
| Contact Type                         | Tab   |
| 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)  |
| Housing Features                     |   |
| Centerline (Pitch)                   | 6 mm[.236 in]   |
| Dimensions                           |   |
| Product Width                        | 13.8 mm[.543 in]  |
| Product Length                       | 43.8 mm[1.724 in]   |
| Product Height                       | 42 mm[1.654 in]   |
| Usage Conditions                     |   |
| Operating Temperature (Max)          | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C,<br>105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °<br>F][176 °F][185 °F][194 °F][212 °F][221 °F][230<br>°F][248 °F][257 °F] |
| Operating Temperature Range          | -40 - 125 °C[-40 - 257 °F]  |
| Operation/Application                |   |
| Circuit Application                  | Signal  |
| Packaging Features                   |   |
| Packaging Quantity                   | 550   |
| Packaging Method                     | Вох   |
| Other                                |   |
| Serviceable                          | No  |
| Connector Position Assurance Capable | No  |
|                                      |   |



## **Product Compliance**

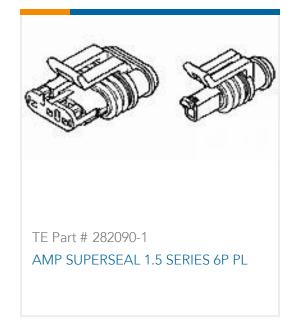
For compliance documentation, visit the product page on TE.com>

| 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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per<br>homogenous material. Also BFR/CFR/PVC<br>Free                                 |
| Solder Process Capability                     | Not applicable for solder process capability  |

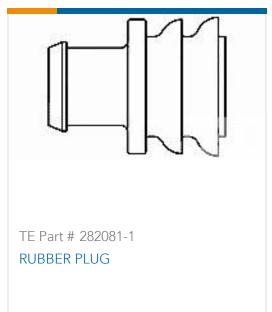
#### Product Compliance Disclaimer

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

















# Also in the Series | AMP Superseal 1.5mm Series







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 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

Housing for Male Terminals, Wire-to-Wire, 6 Position, .236 in [6 mm] Centerline, Sealable, Black, Wire & Cable, Signal, 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