282088-1 ✓ ACTIVE

AMP | AMP Superseal 1.5mm Series
TE Internal #: 282088-1
AMP Superseal 1.5mm Series, Housing for Female Terminals, Wire-to-Wire / Wire-to-Device / Wire-to-Board, 4 Position, 6mm [.236in] Centerline, Sealable
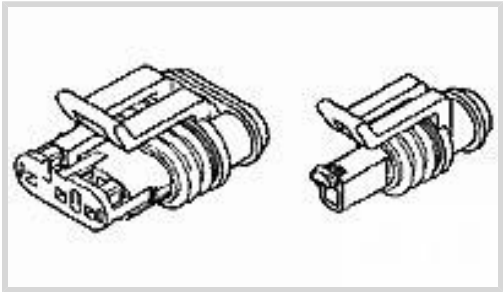
View on TE.com >

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: 4

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

All AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING (26)

Features

Product Type Features

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
Strain Relief	No

Configuration Features

Number of Positions	4
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
Primary Product Color	Black

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Contact Features

Mating Tab Width	1.5 mm[.059 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Mounting Feature	Without
Polarized	Yes

Housing Features

Centerline (Pitch)	6 mm[.236 in]

Dimensions

Height	32.2 mm[1.268 in]
Length	29.1 mm[1.146 in]
Width	9.3 mm[.366 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 – 125 °C[-40 – 257 °F][-40 – 257 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Degree of Protection	IP67

Packaging Features

Packaging Method	Bag
Packaging Quantity	500

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

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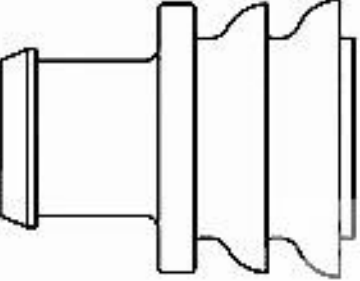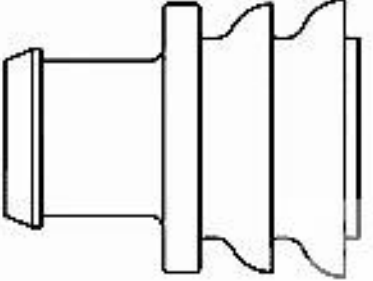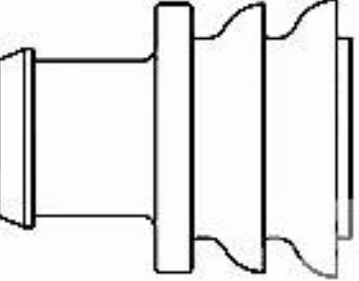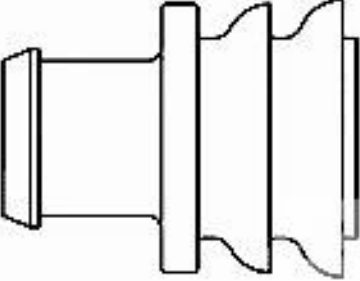
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209)
	Candidate List Declared Against: JUN 2020 (209)
	Does not contain REACH SVHC
Halogen Content	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 Model / Part # CAT-TSI0020
AXISENSE-2 CAN J1939-90 TILT SENSOR

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

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

TE Model / Part # CAT-TSI0007

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

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TE Model / Part # G-NSDOG2-004

AXISENSE-2 V-OUT-25 TILT SENSOR WALL MT

Also in the Series | AMP Superseal 1.5mm Series

Automotive Connector Caps & Covers (2)

Automotive Housings(26)

Automotive Seals & Cavity Plugs(4)

Automotive Terminals(16)

Other Automotive Connector Accessories(2)

Customers Also Bought

TE Model / Part #282105-1

AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

TE Model / Part #183025-1

AMP SUPERSEAL 1.5MM, RECEPTACLE AND TAB

TE Model / Part #880810-1

COVER CAP , 2 WAY

TE Model / Part #281934-3

SINGLE WIRE SEAL

TE Model / Part #281934-2

SINGLE WIRE SEAL

TE Model / Part #281934-4

SINGLE WIRE SEAL

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Documents

Product Drawings

AMP SUPERSEAL 1.5 SERIES 4P PL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282088-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282088-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282088-1_F.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

MD_282088-1_05242018537_dmtec

English

MD_282088-1_05242018537_dmtec

English

Instruction Sheets

AMP SUPERSEAL 1.5 SERIES

English

Customer Manual (non U.S.)

English