282080-1 ✔ ACTIVE

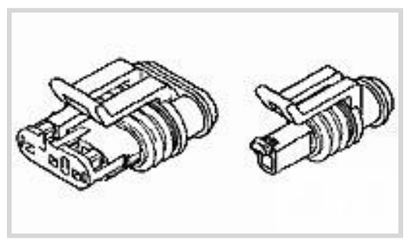
AMP | AMP Superseal 1.5mm Series

TE Internal #: 282080-1

AMP Superseal 1.5mm Series, Housing for Female Terminals, Wire-to-Wire / Wire-to-Board / Wire-to-Device, 2 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: **2**

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	On the Terminal

Configuration Features

Number of Positions	2
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
Connector Code	Z

Contact Features

Mating Tab Width	1.5 mm[.059 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	No
Mating Alignment Type	Polarized

Housing Features

Centerline (Pitch)	6 mm[.236 in]

Dimensions

Product Width	9.3 mm[.366 in]
Product Length	17.1 mm[.673 in]
Product Height	32.2 mm[1.268 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 Quantity	800
Packaging Method	Bag

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

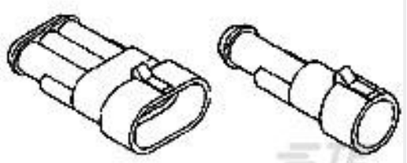
For compliance documentation, visit the product page on TE.com>

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: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
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 # 282104-1
AMP SUPERSEAL 1.5 SERIES 2P CA

TE Part # 9-1579007-1
EXTRACTION TOOL

TE Part # 1-1393315-1
V23132B2002B200=HCR

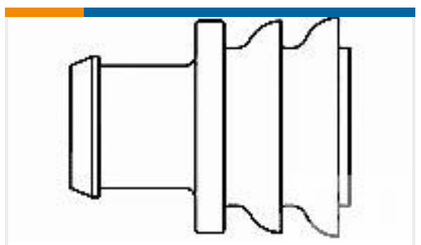
TE Part # CAT-AM7801-CH8172
AMPSEAL 16 HOUSINGS

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

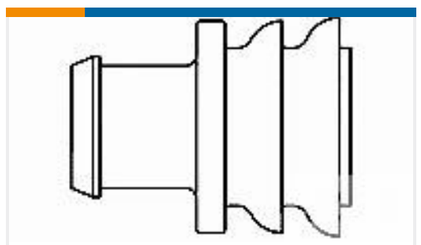
TE Part # 5-1414968-1
V23132B2002B200-EV-USBX

TE Part # 1416010-1
V23132A2001B200

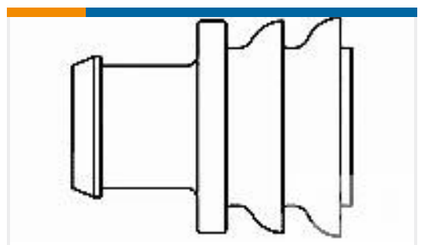
TE Part # 2-1414939-2
V23132A2001B200-EV-USBX



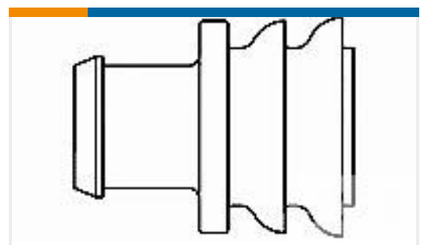
TE Part # 281934-3
SINGLE WIRE SEAL



TE Part # 282081-1
RUBBER PLUG



TE Part # 281934-2
SINGLE WIRE SEAL



TE Part # 281934-4
SINGLE WIRE SEAL

TE Part # 2325593-2
REC CONN CVR,2POS,MINI MIC

TE Part # 7-1414968-8
V23132A2001A200-EV-USBX

TE Part # 776310-1
SECONDARY LOCK

TE Part # 776310-2
SECONDARY L0CK, J1939, TIN VERSION

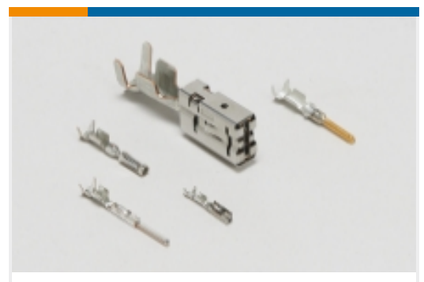
TE Part # 2362453-1
CT,HARNESS,WEICHAI BOSCH WP13 EURP VI

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)

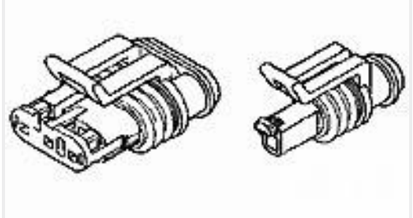
Insertion & Extraction Tools(4)

Other Automotive Connector Accessories(2)

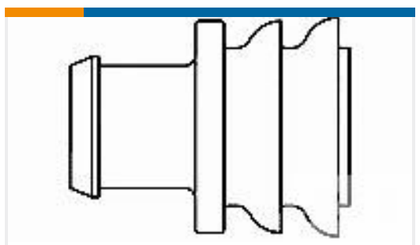
Customers Also Bought

TE Part #183024-1
AMP SUPERSEAL 1.5MM, RECEPTACLE AND TAB

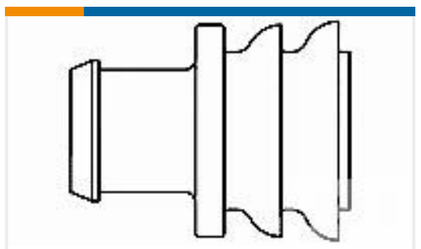
TE Part #W4P
WEDGE LOCK, 4P, REC, GRN, DT



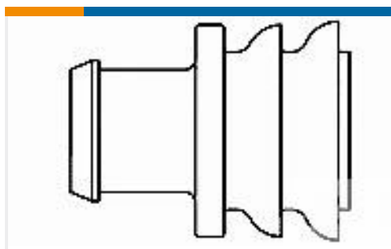
TE Part #282079-2
AMP SUPERSEAL 1.5 SERIES 1P PL



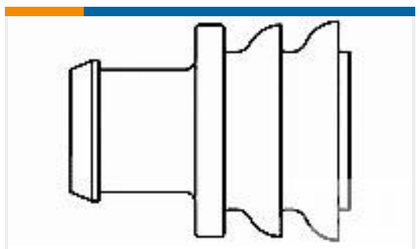
TE Part #281934-3
SINGLE WIRE SEAL



TE Part #282081-1
RUBBER PLUG



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #281934-4
SINGLE WIRE SEAL

Documents

Product Drawings

AMP SUPERSEAL 1.5 SERIES 2P PL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282080-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282080-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282080-1_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

MD_282080-1_05252018518_dmtec

English

MD_282080-1_05252018518_dmtec

English

Instruction Sheets

AMP SUPERSEAL 1.5 SERIES

English

Customer Manual (non U.S.)

English