282080-2 ✔ ACTIVE

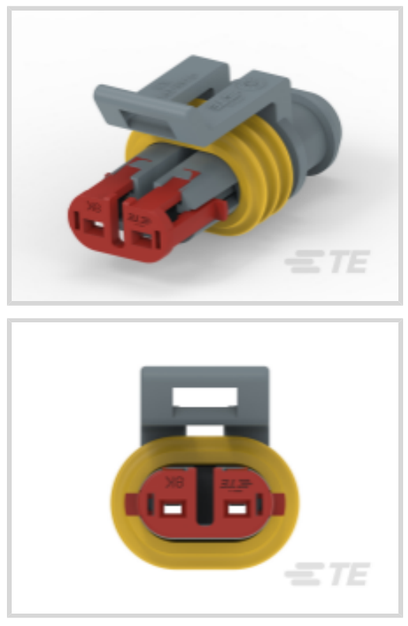
SUPERSEAL | AMP Superseal 1.5mm Series

TE Internal #: 282080-2

12 V / 24 V / 48 V, 2 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 6 mm [.236 in] Centerline, Sealable, AMP Superseal 1.5mm Series

View on TE.com >

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



Nominal Voltage Architecture: **12 V, 24 V, 48 V**

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

Number of Positions: **2**

Sealable: **Yes**

Operating Temperature Range: **-40 – 125 °C [-40 – 257 °F]**

All AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING (19)

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	24 VDC

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Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features

Cable Exit Angle	180 °
Primary Product Color	Gray
Connector & Keying Code	Neutral

Contact Features

Contact Size	1.5mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm[.6 in]
Contact Current Rating (Max)	14 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarizing Rib
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA 66 GF
Centerline (Pitch)	6 mm[.236 in]

Dimensions

Product Width	17.1 mm[.673 in]
Product Length	32.2 mm[1.268 in]
Connector Height	9.3 mm[.366 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
Operating Temperature (Max)	125 °C[257 °F]

Operation/Application

Circuit Application	Power

Industry Standards

IP Rating	IP67, IPX6K, IPX9K

Packaging Features

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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>

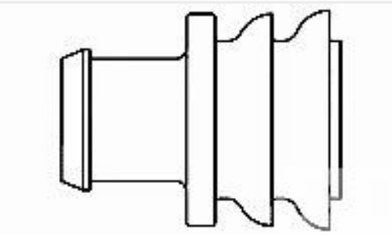
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

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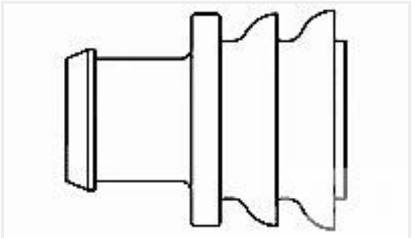
TE Part # 281934-3
SINGLE WIRE SEAL



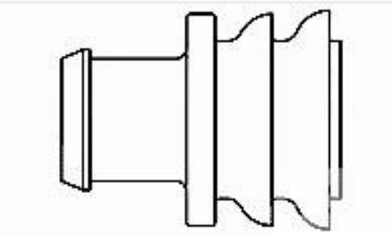
TE Part # 2325593-2
REC CONN CVR,2POS,MINI MIC



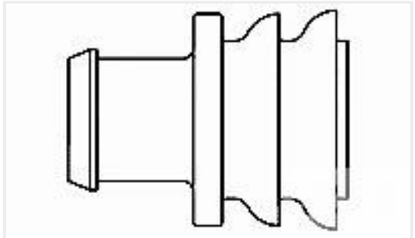
TE Part # CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part # 281934-4
SINGLE WIRE SEAL



TE Part # 281934-2
SINGLE WIRE SEAL



TE Part # 282081-1
RUBBER PLUG



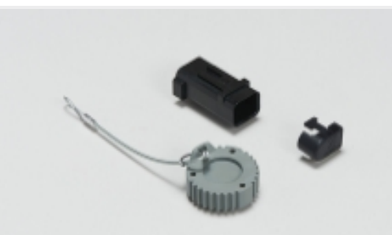
TE Part # CAT-AM71-T273
AMP SUPERSEAL 1.5MM, RECEPTACLE AND TAB

TE Part # 2452133-1
EXTRACTION TOOL



TE Part # 9-1579007-1
EXTRACTION TOOL

Also in the Series | AMP Superseal 1.5mm Series



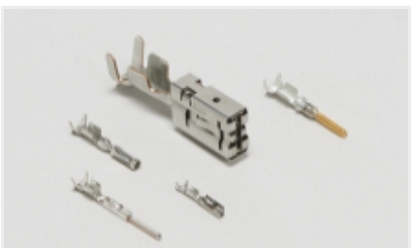
Automotive Connector Caps & Covers (1)



Automotive Housings(23)



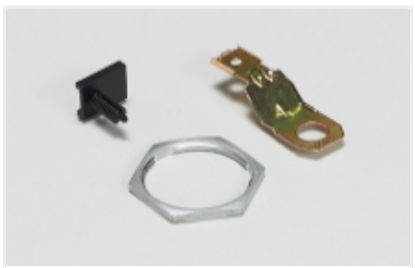
Automotive Signal & Power Headers(1)



Automotive Terminals(16)



Connector Seals & Cavity Plugs(5)



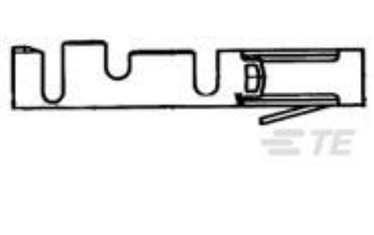
Other Automotive Connector Accessories(1)

Customers Also Bought

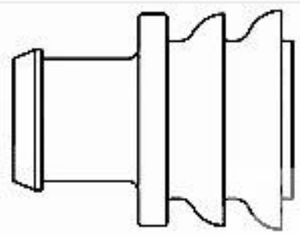
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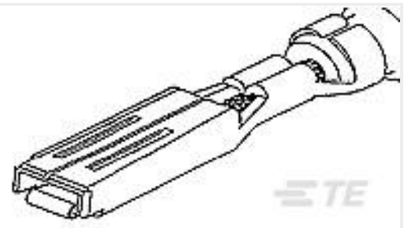
TE Part #CAT-D485-B128
Backshells, DEUTSCH DTM



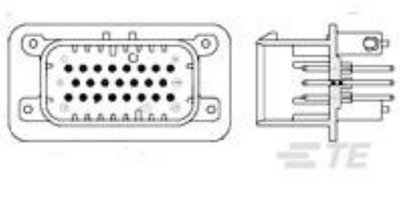
TE Part #281556-2
20AWG MOD 2 CRIMP TIN PLATE



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #282403-1
MINI MIC SRS REC CONT

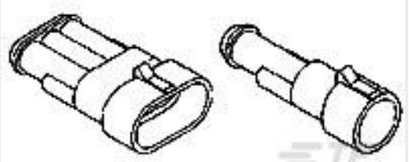


TE Part #776228-5
23POS,PIN DIA 1.3,HDR ASSY, 180DEG,COD 5



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

TE Part #YWM16BW03-03SA0000
PLUG ASSY.WM SIZE 3. 3 WAY.LONG KNURL.CA



TE Part #282104-3
AMP SUPERSEAL 1.5 SERIES 2P CA

Documents

Product Drawings

AMP SUPERSEAL 1.5 SERIES 2P PL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282080-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282080-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282080-2_D.3d_stp.zip

English

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Datasheets & Catalog Pages

AMP SUPERSEAL 1.5mm Connector System

English

ICT Terminals and Connectors Catalogue

English

Product Specifications

Product Specification

English

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Instruction Sheets

AMP SUPERSEAL 1.5 SERIES

English

AMP SUPERSEAL 1.5 SERIES

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