

282403-1 ✓ ACTIVE

[AMP Superseal 1.5mm Series](#)

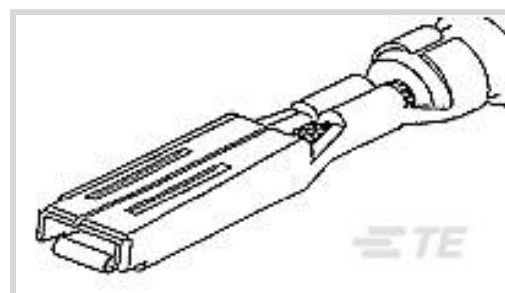
TE Internal #: 282403-1

Automotive Terminals, Receptacle, Mating Tab Width 1.5 mm [.059 in], Tab Thickness .031 in [.8 mm], 22 – 20 AWG Wire Size, AMP Superseal 1.5mm Series

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > AMP SUPERSEAL 1.5MM, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

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

Mating Tab Thickness: **.8 mm [.031 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **22 – 20 AWG**

[All AMP SUPERSEAL 1.5MM, RECEPTACLE AND TAB \(15\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Typical Current Rating	6 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.5 mm [.059 in]
Mating Tab Thickness	.8 mm [.031 in]
Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire



Dimensions

Wire Size	.35 – .5 mm ²
Wire Size Search	20 AWG, 21 AWG, 22 AWG
Wire Insulation Diameter	1.2 – 1.6 mm [.047 – .063 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Agency/Standard	LV214
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Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Other

Customer Preferred Contact	No
Terminal Transmits	0 – 24 A (Low Power)

Product Compliance

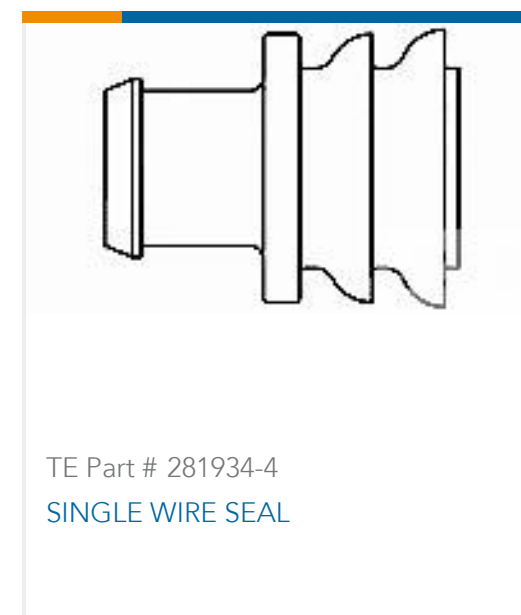
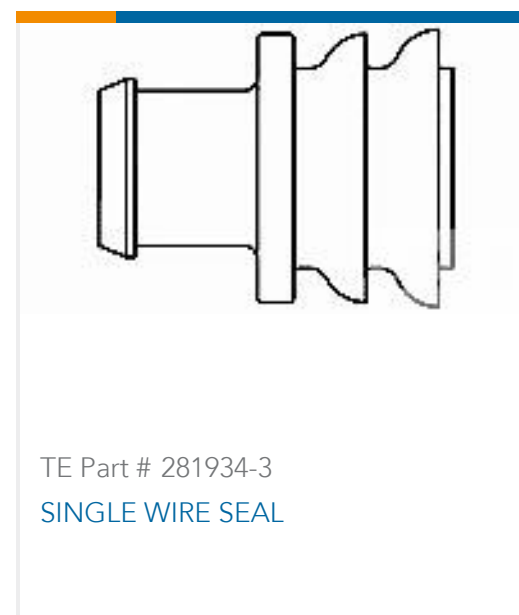
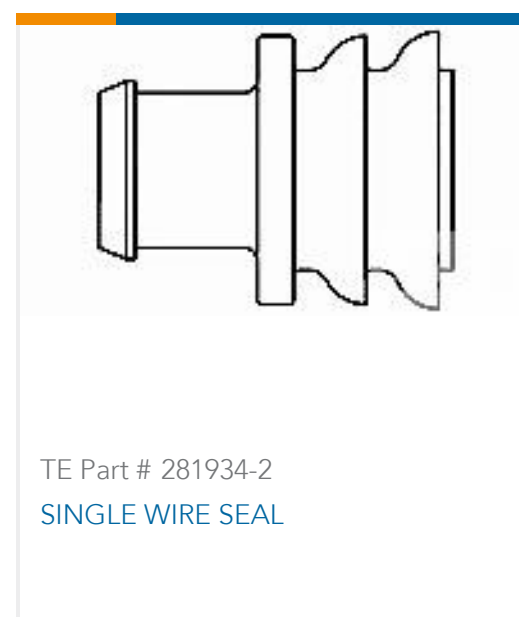
[For compliance documentation, visit the product page on TE.com>](#)

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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC 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






TE Part # 5-2151734-1
OCEAN-2.0-APPLICATOR-S-070F1450



TE Part # 5-2151734-2
OCEAN-2.0-APPLICATOR-S-070F1450A



TE Part # 7-2151734-1
OCEAN-2.0-APPLICATOR-S-070F1450



TE Part # 7-2151734-2
OCEAN-2.0-APPLICATOR-S-070F1450A



KIT
REPRESENTATION ONLY

TE Part # 7-2151734-7
OCEAN_2.0_SPARE_PART_KIT-070F1450




KIT
REPRESENTATION ONLY

TE Part # 7-2266249-7
OC-070F1450-752-CRIMPTOOLINGKIT




TE Part # 539773-2
DIE FUER MINI MIC


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 #160859-5
FF 250 TAB 20-17 AWG .016 SLIPPB



TE Part #282090-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #1879980-1
MINI SUPERSEAL CONNECTOR



TE Part #2327727-1
RECEPTACLE ASSY OBD 6 POS SLD CONNECTOR



TE Part #318712-1
CRIMPER, INSULATION (.145")



TE Part #7210183002
FLHTC0311-22-8

Documents

Product Drawings

MINI MIC SRS REC CONT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_282403-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_282403-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_282403-1_B.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

Application Specification

German

Application Specification

English

Application Specification

English

Application spec. for Mini Mic etc. for single wire sealing with 5.6m. out. dia.

English

Application Specification

English



Product Environmental Compliance

[MD_282403-1_05252018518_dmtec](#)

English

[MD_282403-1_05252018518_dmtec](#)

English

Instruction Sheets

[Hand application tool P/N 785353-1](#)

English

[Instruction Sheet \(non U.S.\)](#)

English