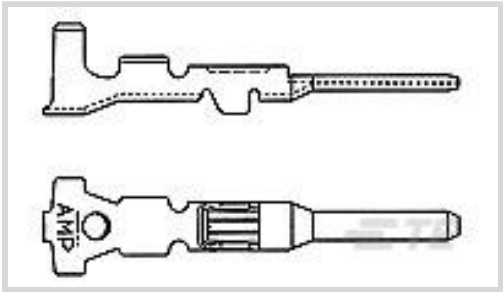




Terminals & Splices > Automotive Terminals > AMP SUPERSEAL 1.5MM, RECEPTACLE AND TAB



Terminal Type: **Tab**

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

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

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

Wire Size: **18 – 15 AWG**

All AMP SUPERSEAL 1.5MM, RECEPTACLE AND TAB (16)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	1.5mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Gold
Typical Current Rating	14 A
Crimp Type	F-Crimp
Terminal Type	Tab
Mating Tab Width	1.5 mm[.059 in]
Mating Tab Thickness	.8 mm[.031 in]
Interface Plating	Other

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
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Dimensions

Compatible Insulation Diameter Range	1.7 – 2.4 mm[.071 – .13 in]
Wire Size	.75 – 1.5 mm ²
Wire Size Search	15 AWG, 16 AWG, 17 AWG, 18 AWG

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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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Other

Terminal Transmits	0 – 24 A (Low Power)
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Product Compliance

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

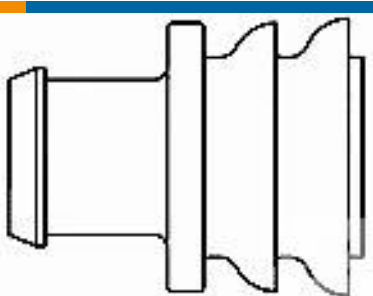
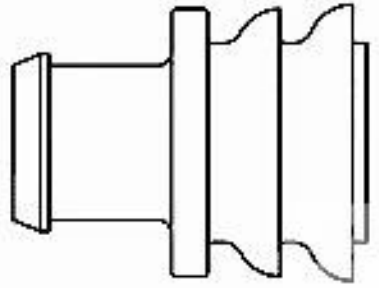
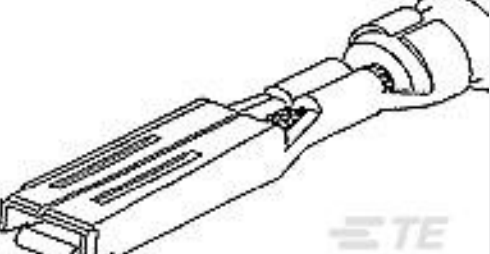
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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 # CAT-AM71-CH8172 AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING	 TE Part # 58583-1 PROCRIMP HT&D SUPRSEAL 1.5 SER	 TE Part # 9-1579007-1 EXTRACTION TOOL	 TE Part # 282081-1 RUBBER PLUG
 TE Part # 281934-2 SINGLE WIRE SEAL	 TE Part # 58583-2 PROCRIMP DIE SUPERSEAL 1.5 SER	 TE Part # 282403-1 MINI MIC SRS REC CONT	 TE Part # 2151204-1 OCEAN-2.0-APPLICATOR-S-090F145O
 TE Part # 1745099-1 AMP SUPERSEAL 1,5 SRS. 2 POS. TAB ASS'Y	 TE Part # 2031676-1 SDE F MINI MIC 0.35-1.5mm2 ASSY	 TE Part # 2031676-2 SDE F MINI MIC 0.35-1.5mm2 DIE SET	 TE Part # 2151204-2 OCEAN-2.0-APPLICATOR-S-090F145O
 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 5-2151204-1 OCEAN-2.0-APPLICATOR-S-090F145O	 TE Part # 5-2151204-2 OCEAN-2.0-APPLICATOR-S-090F145O	 TE Part # 7-2151204-1 OCEAN-2.0-APPLICATOR-S-090F145O



TE Part # 7-2151204-2
OCEAN-2.0-APPLICATOR-S-090F1450

KIT
REPRESENTATION ONLY

TE Part # 7-2151204-7
OCEAN_2.0_SPARE_PART_KIT-090F1450

KIT
REPRESENTATION ONLY

TE Part # 7-2266068-7
OC-090F145O-CRIMPTOOLINGKIT

Also in the Series | AMP Superseal 1.5mm Series

Automotive Connector Caps & Covers (2)

Automotive Housings(27)

Automotive Terminals(16)

Connector Seals & Cavity Plugs(4)

Insertion & Extraction Tools(3)

Other Automotive Connector Accessories(2)

PCB Headers & Receptacles(2)

Customers Also Bought

TE Part #1534101-1
16POS MQS REC

TE Part #1-776280-2
AMPSEAL PCB Horizontal Headers

TE Part #5-1879208-3
CPF 0402 1K5 0.1% 25PPM 1K RL

TE Part #2035366-4
Backshell,AS16,3P,90Deg,NC12,LP, Plug

TE Part #282110-1
MINI MIC RCPT CONTACT

TE Part #1-968873-3
AMP MCP 2.8, CONTACT (LP)

TE Part #638551-2
CONTACT,FEMALE,0.64MM,SN,22

TE Part #K1144296
Relay-Set 29-311-12-954



Documents

Product Drawings

MINI MIC TAB CONTACT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282109-3_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282109-3_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282109-3_E.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

English

Application Specification

English