



Terminals & Splices > Automotive Terminals > AMPSEAL CONTACTS



Terminal Type: **Socket**
Mating Pin Diameter: **1.3 mm [.051 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **.5 – 1.3 mm²**

[All AMPSEAL CONTACTS \(4\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes

Body Features

Terminal Seal Type	Family Seal
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Contact Features

Typical Current Rating	17 A
Crimp Type	F-Crimp
Terminal Type	Socket
Mating Pin Diameter	1.3 mm[.051 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.5 – 1.3 mm²
Wire Size Search	16 AWG, 17 AWG, 18 AWG, 19 AWG, 20 AWG



Wire Insulation Diameter	1.7 – 2.7 mm[.067 – .106 in]
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Usage Conditions

Insulation Requirement	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]

Packaging Features

Packaging Method	Reel
Packaging Quantity	5000

Other

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

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

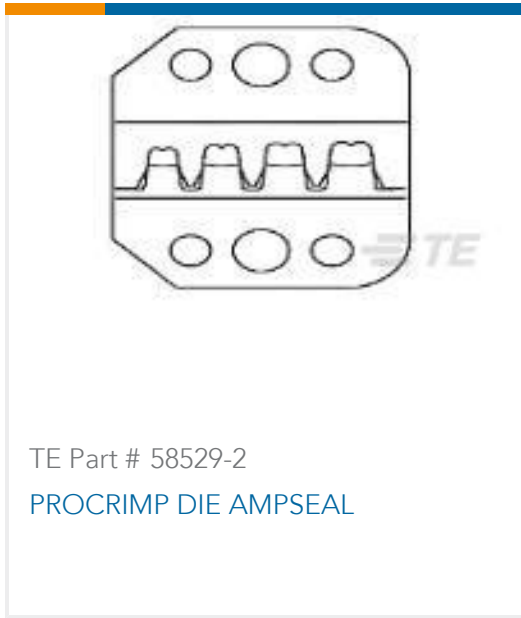
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) Does not 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 reviewed for solder process capability

Product Compliance Disclaimer

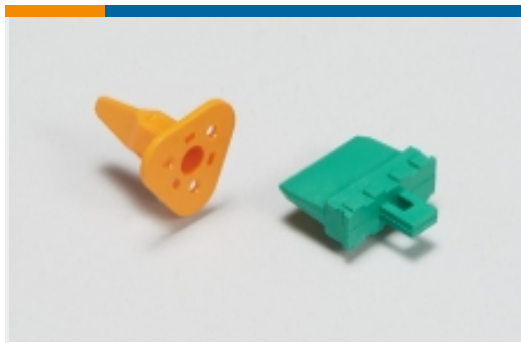
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 58529-1 PRO-CRIMPER III TOOL AMPSEAL	 TE Part # 58529-2 PROCIMP DIE AMPSEAL	 TE Part # 2217748-1 CCII AMPSEAL CONT 20-16 ASSY	 TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED
 TE Part # CAT-AM78-CH8172 AMPSEAL HOUSINGS	 TE Part # 2151376-1 OCEAN_2.0_Applicator-S-080F1200	 TE Part # 2-2151376-1 OCEAN_2.0_Applicator-S-080F1200	 TE Part # 2-2151376-2 OCEAN_2.0_Applicator-S-080F1200
 TE Part # 2151376-2 OCEAN_2.0_Applicator-S-080F1200	 TE Part # 7-2151376-1 OCEAN_2.0_Applicator-S-080F1200	 TE Part # 7-2151376-2 OCEAN_2.0_Applicator-S-080F1200	 TE Part # 7-2151376-7 OCEAN_2.0_SPARE_PART_KIT-080F1200

Also in the Series | AMPSEAL

 Automotive Connector Caps & Covers (5)	 Automotive Connector Locks & Position Assurance(1)	 Automotive Housings(16)	 Automotive Seals & Cavity Plugs(1)
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Automotive Terminals(4)



PCB Headers & Receptacles(109)

Customers Also Bought



TE Part #776273-4
AMPSEAL HOUSINGS



TE Part #776463-1
STRAIN RELIEF,35 POSITION
AMPSEAL



TE Part #770678-1
SEAL PLUG, AMPSEAL

Documents

Product Drawings

AMPSEAL,TERMINAL,TIN PLATE,16-20AWG WIRE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770520-1_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770520-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770520-1_N.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

AMPSEAL Connector Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English



Product Specifications

Application Specification

English

Product Environmental Compliance

MD_770520-1_071420161251_dmtec

English

MD_770520-1_071420161251_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

INSTRUCTION SHEET, AMPSEAL AUTOMOTIVE CONTACT 770520

English