



Terminals & Splices > Automotive Terminals > AMPSEAL Crimp Contacts: 1.3 mm



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 Crimp Contacts: 1.3 mm \(8\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes

Body Features

Terminal Seal Type	Family Seal
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Contact Features

Contact Size	AMPSEAL 1.3mm
Contact Fabrication	Stamped & Formed
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

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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]

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]

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: 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 reviewed for solder process capability

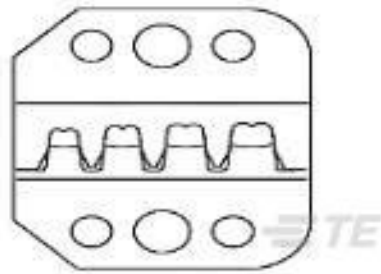
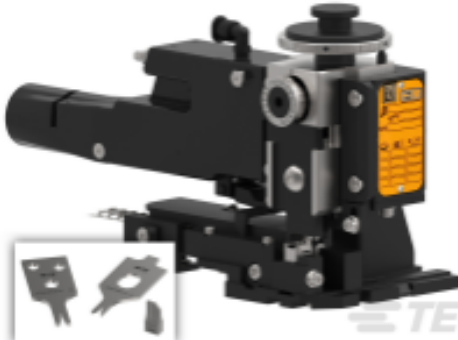
Product Compliance Disclaimer

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

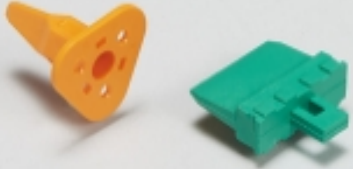


on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # CAT-AM78-CH8172 AMPSEAL Receptacle Housings	 TE Part # 58529-1 PRO-CRIMPER III TOOL AMPSEAL	 TE Part # 58529-2 PROCRIMP DIE AMPSEAL	 TE Part # 2217748-1 CCII AMPSEAL CONT 20-16 ASSY
 TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED	 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	 KIT REPRESENTATION ONLY TE Part # 7-2151376-7 OCEAN_2.0_SPARE_PART_KIT-080F1200

Also in the Series | AMPSEAL

 Automotive Connector Caps & Covers (7)	 Automotive Connector Locks & Position Assurance(1)	 Automotive Housings(31)	 Automotive Seals & Cavity Plugs(1)
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Automotive Terminals(8)



PCB Headers & Receptacles(109)

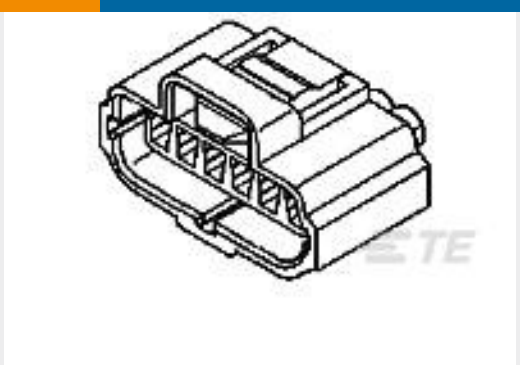
Customers Also Bought



TE Part #770680-5
AMPSEAL Receptacle Housings



TE Part #770678-1
SEAL PLUG, AMPSEAL



TE Part #184026-1
6 POS/4 CIRC. PLUG ASSY, KEY A



TE Part #776095-1

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770520-1_P1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770520-1_P1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770520-1_P1.3d_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