



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



Terminal Type: **Socket**
Wire Size: **20 – 16 AWG**
Interface Plating: **Nickel (Ni)**
Primary Locking Feature: **Integrated in Housing**

[All AMPSEAL Crimp Contacts: 1.3 mm \(8\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Integrated in Housing
Sealable	No

Contact Features

Typical Current Rating	8 A
Crimp Type	F-Crimp
Contact Size	1.3mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Socket
Interface Plating	Nickel (Ni)
Mating Pin Diameter	1.3 mm[.051 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.7 – 2.7 mm[.067 – .106 in]
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Wire Size	20 – 16 AWG
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Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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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](#)>

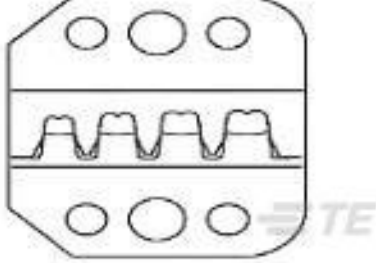
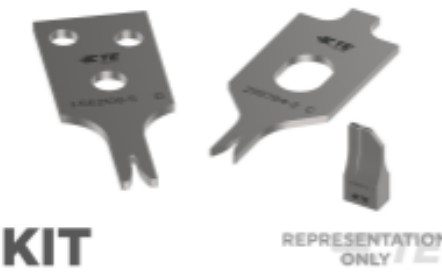
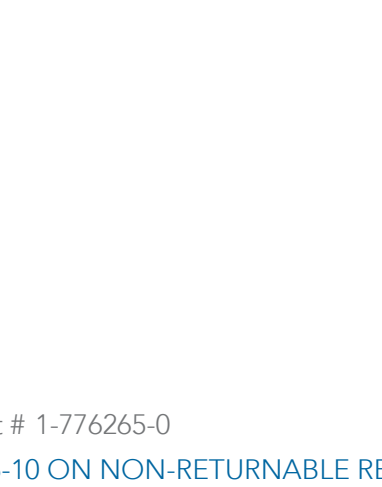
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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

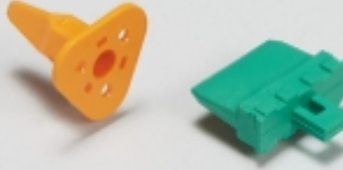
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2151376-1 OCEAN_2.0_Applicator-S-080F1200-RSM	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 58529-2 PROCrimp DIE AMPSEAL	 TE Part # 770854-1 CONTACT, AMPSEAL SN/LP
 TE Part # 7-2151376-7 OCEAN_2.0_SPARE_PART_KIT-080F1200	 TE Part # 2454990-1 PLUG ASSEMBLY,35 POSITION, AMPSEAL, CODE A	 TE Part # 58529-1 PRO-CRIMPER III TOOL AMPSEAL	 TE Part # 1-776265-0 776265-10 ON NON-RETURNABLE RE
 TE Part # 2455016-1 PLUG ASSEMBLY,23 POSITION, AMPSEAL, CODE A	 TE Part # CAT-AM78-CH8172 AMPSEAL Receptacle Housings	 TE Part # 2151376-2 OCEAN_2.0_Applicator-S-080F1200-RSA	 TE Part # 2217748-1 CCII AMPSEAL CONT 20-16 ASSY

Also in the Series | AMPSEAL

 Automotive Connector Locks & Position Assurance(1)	 Automotive Headers(133)	 Automotive Housings(34)	 Connector Caps & Covers(1)
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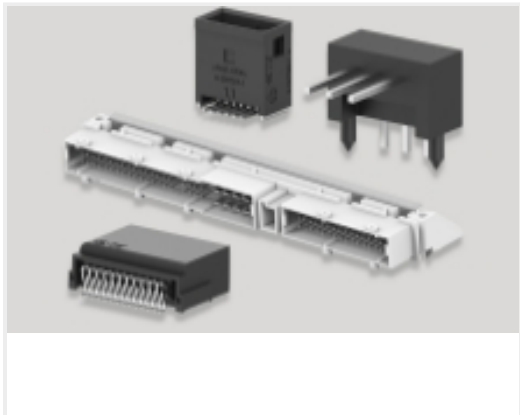




Connector Seals & Cavity Plugs(3)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(133)



Wire-to-Board Headers & Receptacles (126)

Customers Also Bought



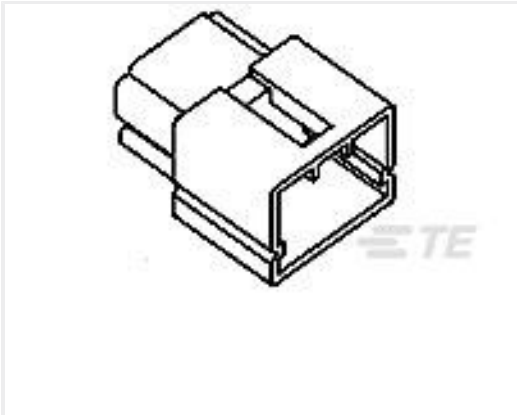
TE Part #CAT-AM78-CH8172
AMPSEAL Receptacle Housings



TE Part #CAT-AM78-B128
AMPSEAL Backshells



TE Part #EC0953-000
06173932



TE Part #172221-1
FF 250 REC HSG 4P NYLON NAT

Documents

Product Drawings

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

English

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

TERMINALS AND CONNECTORS

English

AMPSEAL Connector Catalog

English

ICT Terminals and Connectors Catalogue

English



CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

INSTRUCTION SHEET, AMPSEAL AUTOMOTIVE CONTACT 770520

English

Agency Approvals

CSA Certificate

English