770854-1 ✓ ACTIVE

AMP | **AMPSEAL**

TE Internal #: 770854-1

Socket, 20 – 16 AWG Wire Size, .517 – 1.31 mm² Wire Size, Family Seal, Tin (Sn) Interface Plating, Terminates To Wire, AMPSEAL, Automotive Terminals
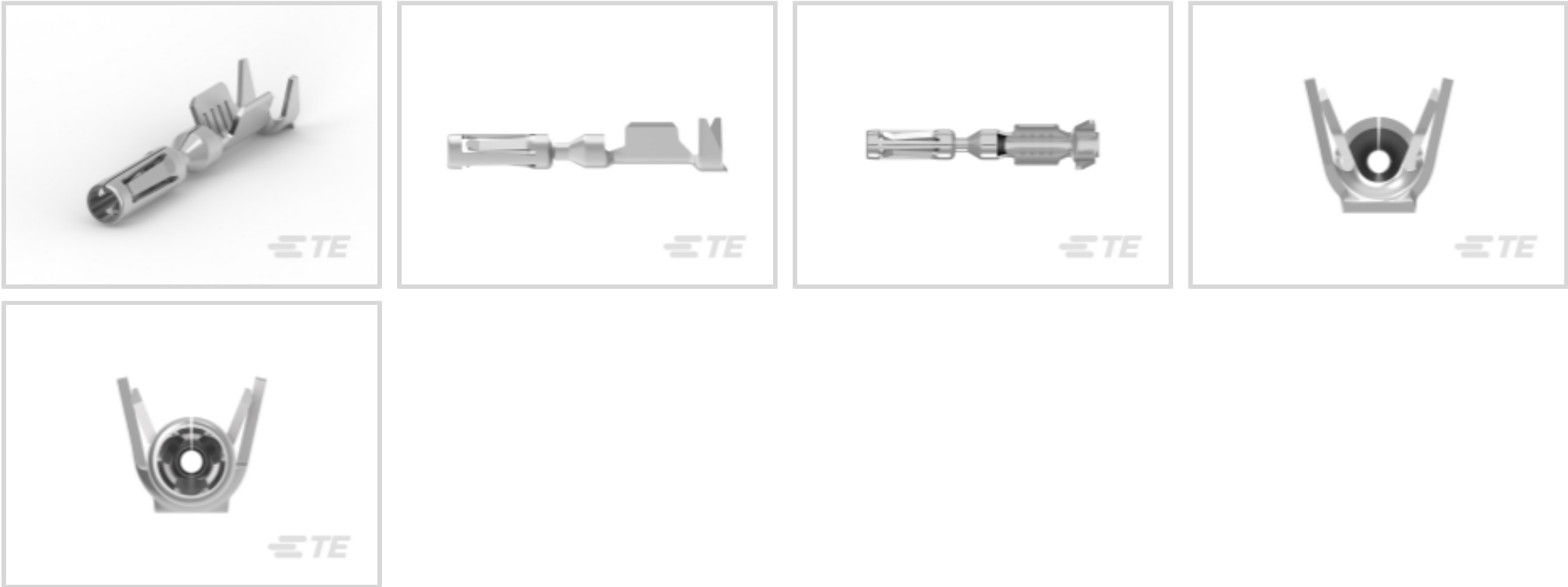
View on TE.com >

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

Terminal Type: **Socket**

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

Wire Size: **.517 – 1.31 mm²**

Sealable: **No**

All AMPSEAL Crimp Contacts: 1.3 mm (8)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	On the Terminal

Body Features

Terminal Seal Type	Family Seal

Contact Features

Contact Size	1.3mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	8 A
Crimp Type	F-Crimp
Terminal Type	Socket
Interface Plating	Tin (Sn)

Termination Features

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Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.7 – 2.7 mm[.067 – .106 in]
Wire Size	.517 – 1.31 mm²
Tab Length	19.1 mm[.752 in]

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

Packaging Features

Packaging Quantity	1000
Packaging Method	Package

Other

Terminal Transmits	0 – 24 A (Low Power)

Product Compliance

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

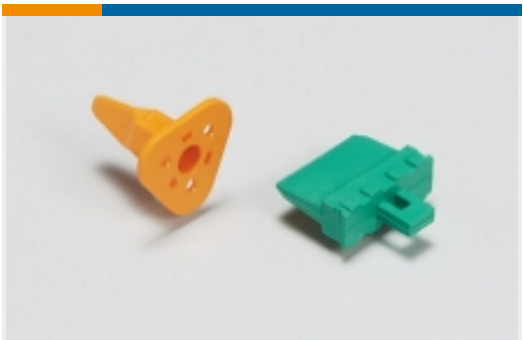|	
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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

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Socket, 20 – 16 AWG Wire Size, .517 – 1.31 mm² Wire Size, Family Seal, Tin (Sn)
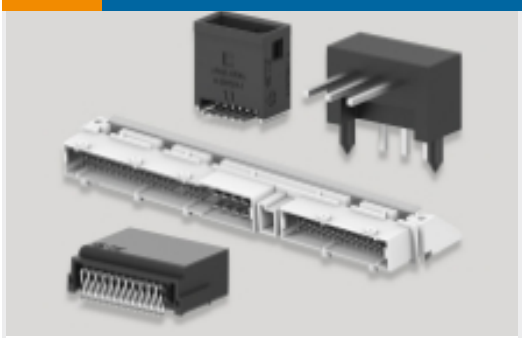Interface Plating, Terminates To Wire, AMPSEAL, Automotive Terminals

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

Also in the Series | AMPSEAL

Automotive Connector Locks & Position Assurance(1)

Automotive Housings(31)

Automotive Terminals(8)

Connector Backshells(4)

Connector Seals & Cavity Plugs(2)

PCB Headers & Receptacles(120)

Customers Also Bought

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Socket, 20 – 16 AWG Wire Size, .517 – 1.31 mm² Wire Size, Family Seal, Tin (Sn)
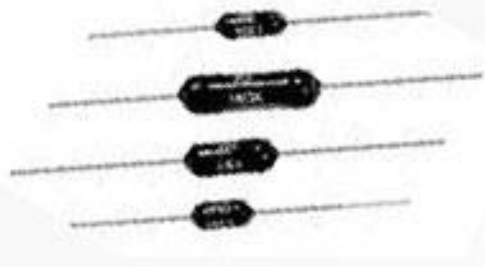Interface Plating, Terminates To Wire, AMPSEAL, Automotive Terminals

TE Part #776273-4
AMPSEAL Receptacle Housings

TE Part #DRC14-70PAE
REC, 70P, BLK, E, A

TE Part #ZPF000000000018821
FDBA 54-10-6 PN-K 059

TE Part #1879689-9
H4 1K4 0.1% 100PPM

Documents

Product Drawings
CONTACT, AMPSEAL SN/LP

English

CAD Files
Customer View Model
ENG_CVM_770854-1_O1.3d_igs.zip

English

Customer View Model
ENG_CVM_770854-1_O1.3d_stp.zip

English

Customer View Model
ENG_CVM_770854-1_O1.2d_dxf.zip

English

3D PDF

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