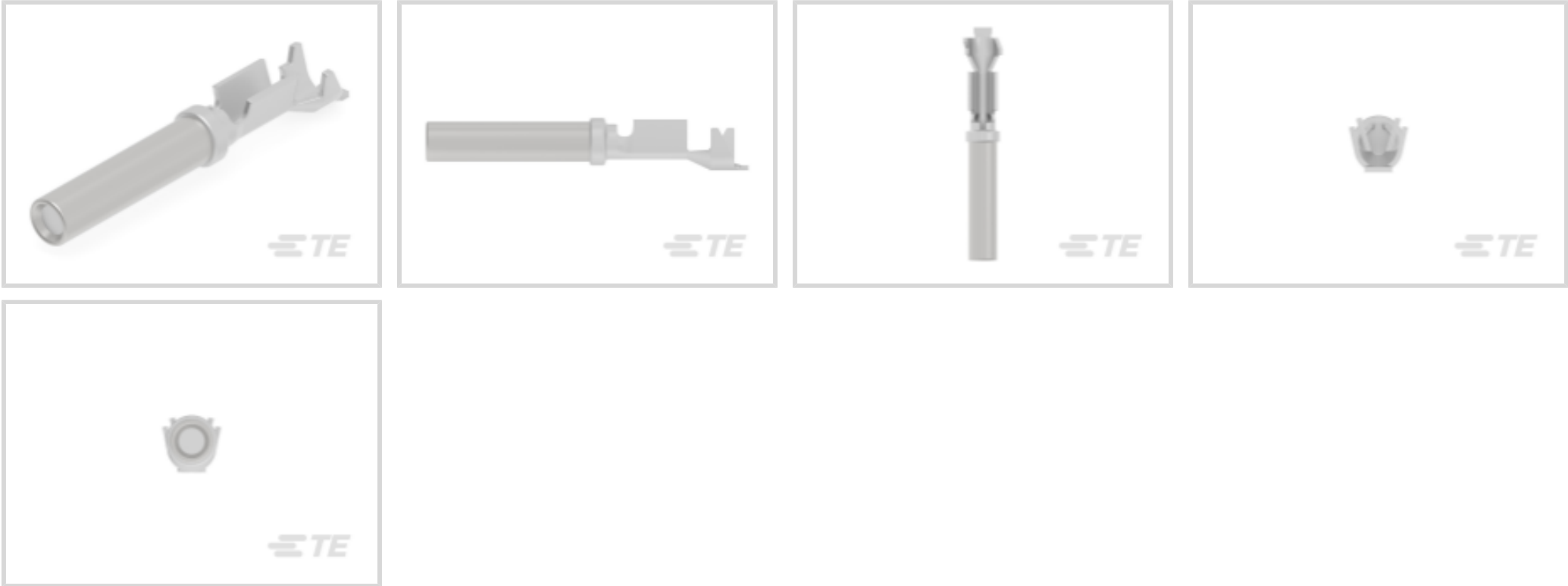




Terminals & Splices > Automotive Terminals > AMPSEAL 16 CONTACTS



Terminal Type: **Socket**
Wire Size: **20 – 18 AWG**
Interface Plating: **Tin (Sn)**
Primary Locking Feature: **Clean Body**

[All AMPSEAL 16 CONTACTS \(35\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	No

Contact Features

Typical Current Rating	13 A
Crimp Type	F-Crimp
Contact Size	Size 16
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Socket
Interface Plating	Tin (Sn)
Mating Pin Diameter	1.59 mm[.062 in]

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------



Product Terminates To

Wire

Dimensions

Compatible Insulation Diameter Range	1.27 – 2.72 mm[.05 – .107 in]
Wire Size	20 – 18 AWG
Tab Length	21.6 mm[.85 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Compatible With Wire Base Material	Copper
------------------------------------	--------

Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

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: 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 applicable for solder process capability

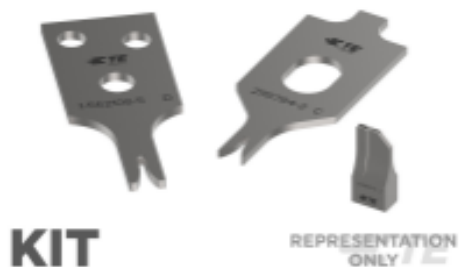
Product Compliance Disclaimer

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

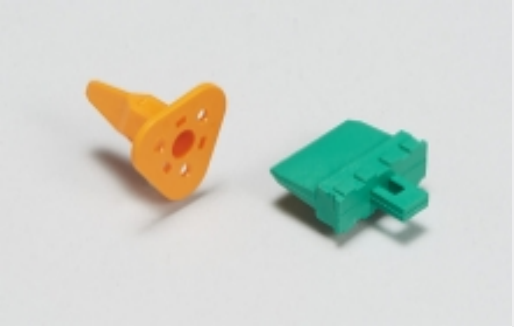


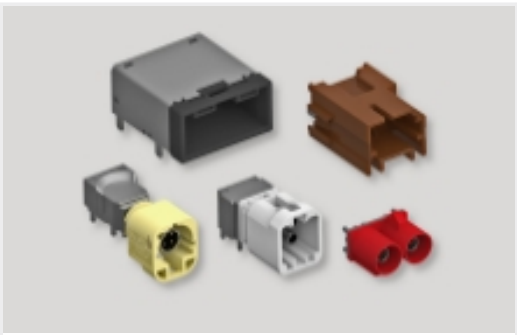
chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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

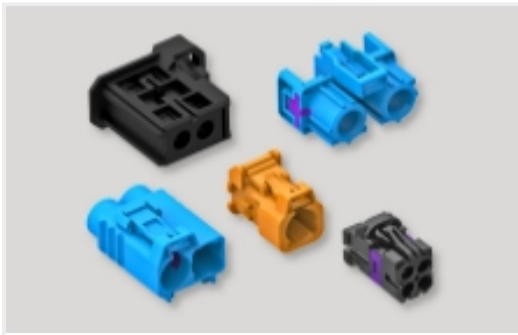
 KIT TE Part # 7-2151962-7 OCEAN_2.0_SPARE_PART_KIT-080F125O	 TE Part # CAT-AM7801-T273 AMPSEAL 16 CONTACTS	 TE Part # 2119118-2 SDE Commercial Tool & Die	 TE Part # CAT-AM7801-CH8172 AMPSEAL 16 Housings
 TE Part # 5-2151962-1 OCEAN-2.0-APPLICATOR-S-080F125O-RSM	 TE Part # 2119118-1 SDE Commercial Tool & Die	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 638047-1 SLEEVE
 TE Part # 5-2151962-2 OCEAN-2.0-APPLICATOR-S-080F125OA-RSA	 TE Part # 2151962-2 OCEAN-2.0-APPLICATOR-S-080F125OA-RSA	 TE Part # 2151962-1 OCEAN-2.0-APPLICATOR-S-080F125O-RSM	

Also in the Series | AMPSEAL 16

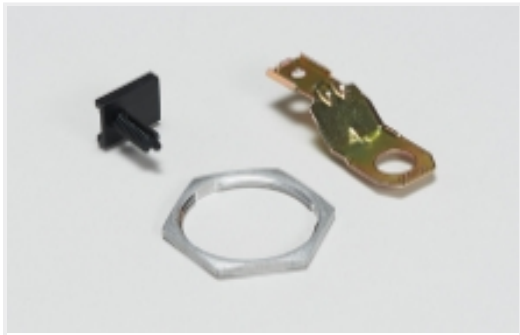
 Automotive Connector Locks & Position Assurance(6)	 Automotive Housings(239)	 Connector Backshells(84)	 Connector Seals & Cavity Plugs(10)
---	--	---	---



Data Connectivity Headers(2)



Data Connectivity Housings(3)

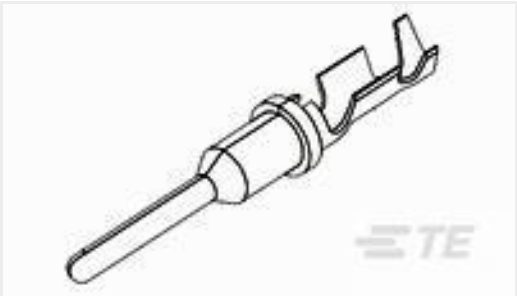


Other Automotive Connector Accessories(8)



Rectangular Backshells & Clamps(74)

Customers Also Bought



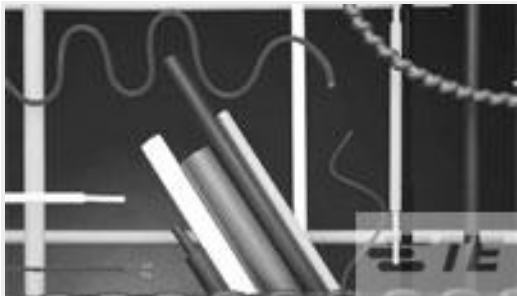
TE Part #1924463-3
PIN, SF, SIZE 16, 18-20 AWG, NI/SN



TE Part #776533-1
AS16,PLUG ASSY,ST,12P,E SEAL, CODE A



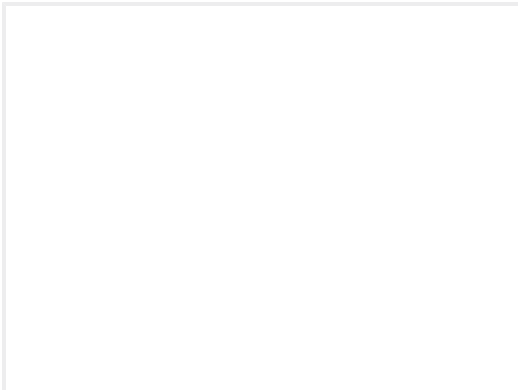
TE Part #2446123-1
10POS,MCON 1.2,REC HSG ASSY,SLD, COD A



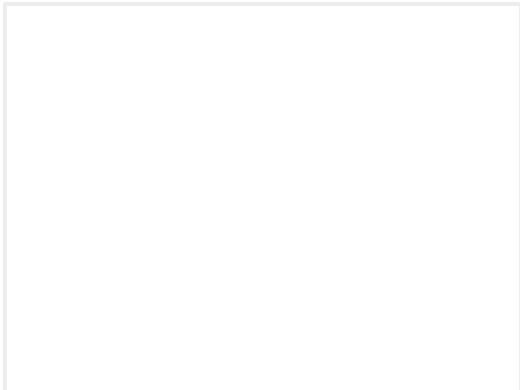
TE Part #5069754005
CGPT-19/9.5-X-SP



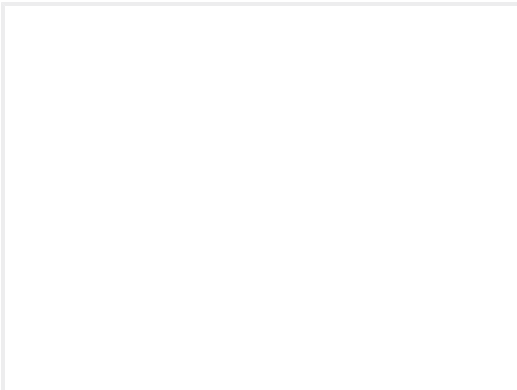
TE Part #C34252-000
ES1000-NO.3-B8-X-55MM



TE Part #0830956003
RBK-85-NR5100/A-X-12MM



TE Part #1730433001
SZF-2.00-MM



TE Part #2050216-6
RING TONGUE TRMNL,M4 ASSY



TE Part #010951-000
AT099-35



TE Part #341263-000
AT099-43

Documents

Product Drawings

SOC, SF, SIZE 16, 18-20 AWG, NI/SN

English

SOC, SF, SIZE 16, 18-20 AWG, NI/SN

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_1924464-2_B_c-1924464-2-b.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1924464-2_B_c-1924464-2-b.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1924464-2_B_c-1924464-2-b.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[AMPSEAL 16 CONNECTOR SERIES](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English