



Terminals & Splices > Automotive Terminals > Contacts: Size 16, 13A



Terminal Type: **Socket**
Mating Pin Diameter: **1.59 mm [.063 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **.8 – 2 mm²**

[All Contacts: Size 16, 13A \(33\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	Size 16
Contact Fabrication	Stamped & Formed
Typical Current Rating	13 A
Crimp Type	F-Crimp
Terminal Type	Socket
Mating Pin Diameter	1.59 mm[.063 in]
Interface Plating	Nickel (Ni)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	2.26 – 3.32 mm[.089 – .131 in]
--------------------------------------	--------------------------------



Wire Size	.8 – 2 mm ²
Wire Size Search	14 AWG, 15 AWG, 16 AWG, 17 AWG, 18 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

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

Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

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 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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

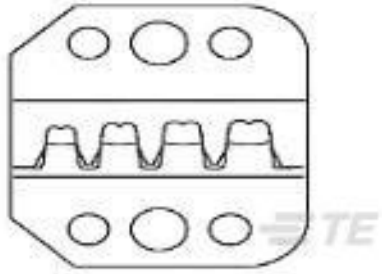
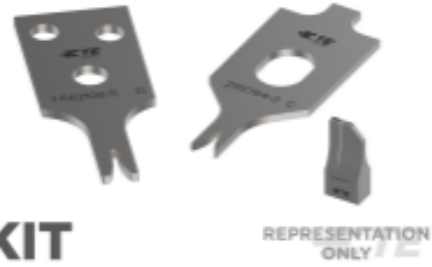
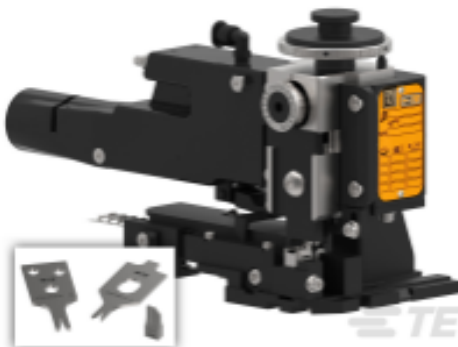
Product Compliance Disclaimer

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

 TE Part # CAT-AM7801-CH8172 AMPSEAL 16 Housings	 TE Part # CAT-H991-CH8172 AMPSEAL 16 Hybrid Lever Housings	 TE Part # 1924463-1 PIN, SF, SIZE 16, 18-20 AWG, AU/SN	 TE Part # 2151731-1 OCEAN_2.0_Applicator-S-100F1300
 TE Part # 91337-1 SIZE 16 PRO-CRIMPER ASSY.	 TE Part # 91337-2 SIZE 16 PRO-CRIMPER DIE	 TE Part # 2-2151731-1 OCEAN_2.0_Applicator-S-100F1300	 TE Part # 2-2151731-2 OCEAN_2.0_Applicator-S-100F1300
 TE Part # 2151731-2 OCEAN_2.0_Applicator-S-100F1300	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 5-2151731-1 OCEAN_2.0_Applicator-S-100F1300	 TE Part # 5-2151731-2 OCEAN_2.0_Applicator-S-100F1300
 KIT TE Part # 7-2151238-7 OC-100F1300-752-CRIMPTOOLINGKIT	 TE Part # 7-2151731-1 OCEAN_2.0_Applicator-S-100F1300	 TE Part # 7-2151731-2 OCEAN_2.0_Applicator-S-100F1300	 KIT TE Part # 7-2151731-7 OCEAN_2.0_SPARE_PART_KIT-100F1300

Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers (85)	Automotive Connector Locks & Position Assurance(2)	Automotive Housings(244)	Automotive Seals & Cavity Plugs(4)
Automotive Terminals(33)	Data Connectivity Headers(2)	Data Connectivity Housings(3)	Other Automotive Connector Accessories(11)

Customers Also Bought

TE Part #776533-2 AMPSEAL 16 Housings	TE Part #1924464-1 Contacts: Size 16, 13A	TE Part #1871414-2 AMPSEAL16,CAP ASSY,4P-B,B/R TYPE, RWDS	TE Part #880686-2 .140 DIA SOCKET
TE Part #172851-1 20P LOCKING DLI DBL LOCK	TE Part #E296612001 DSPL-NR1-X-STK	TE Part #C34252-000 ES1000-NO.3-B8-X-55MM	TE Part #1599381-1 CHRISTMAS TREE

Documents

Product Drawings
SOC, SF, SIZE 16, 14-18 AWG, NI/SN
English

CAD Files
Customer View Model
ENG_CVM_CVM_776492-2_A.2d_dxf.zip
English
3D PDF



3D

Customer View Model

[ENG_CVM_CVM_776492-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_776492-2_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Product Specification](#)

English