

TE Internal #: 638078-1
Pin, Pin Diameter 1.59 mm [.062 in], 18 – 14 AWG Wire Size, .823 – 2.08 mm² Wire Size, Gold (Au) Interface Plating, AMPSEAL 16, Automotive Terminals

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Terminals & Splices > Automotive Terminals > AMPSEAL 16 CONTACTS



Terminal Type: Pin
Mating Pin Diameter: 1.59 mm [.062 in]
Terminal Transmits: 0 – 24 A (Low Power)
Wire Size: .823 – 2.08 mm²

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

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

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Compatible Insulation Diameter Range	1.95 – 3.94 mm[.077 – .155 in]
Wire Size	.823 – 2.08 mm ²
Tab Length	23.21 mm[.914 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Other

Customer Preferred Contact	No
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 applicable for solder process capability

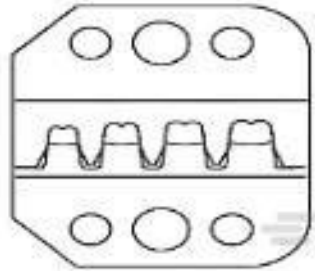
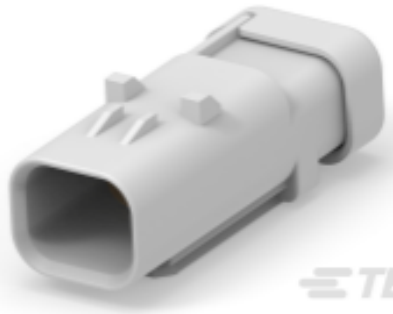
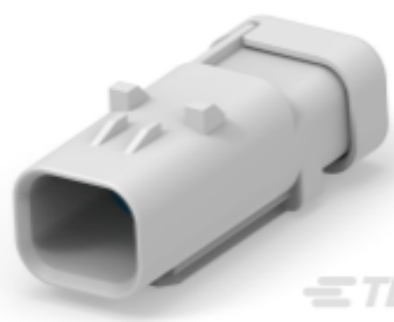
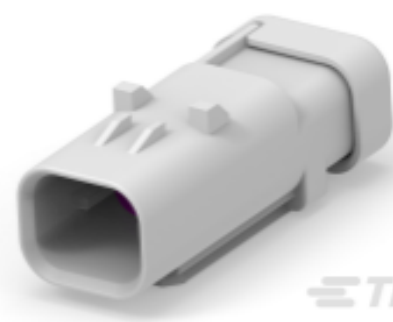
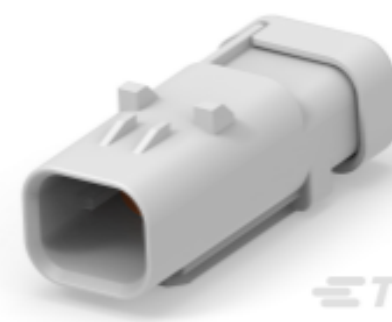
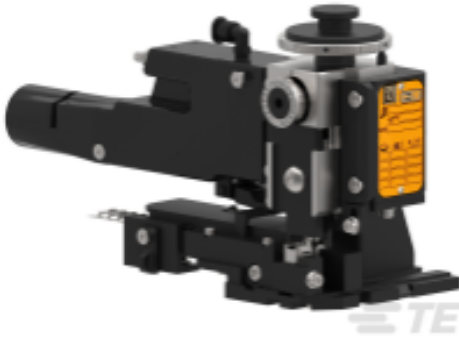
Product Compliance Disclaimer

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>

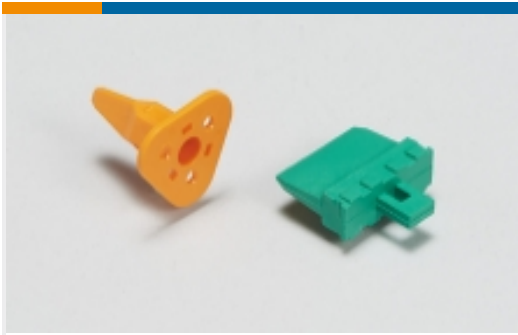
Compatible Parts

 TE Part # CAT-AM7801-CH8172 AMPSEAL 16 Housings	 TE Part # CAT-H991-CH8172 AMPSEAL 16 Hybrid Lever Housings	 TE Part # 91337-1 SIZE 16 PRO-CRIMPER ASSY.	 TE Part # 2151731-1 OCEAN_2.0_Applicator-S-100F1300-RSM
 TE Part # 91337-2 SIZE 16 PRO-CRIMPER DIE	 TE Part # 2151731-2 OCEAN_2.0_Applicator-S-100F1300-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2320913-1 AS16,CAP ASSY,HT,02P,N SEAL, CODE A
 TE Part # 2320913-2 AS16,CAP ASSY,HT,02P,N SEAL, CODE B	 TE Part # 2320913-3 AS16,CAP ASSY,HT,02P,N SEAL, CODE C	 TE Part # 2320913-4 AS16,CAP ASSY,HT,02P,N SEAL, CODE D	 TE Part # 5-2151731-1 OCEAN_2.0_Applicator-S-100F1300-RSM
 TE Part # 5-2151731-2 OCEAN_2.0_Applicator-S-100F1300-RSA	 KIT TE Part # 7-2151238-7 OC-100F1300-752-CRIMPTOOLINGKIT	 KIT TE Part # 7-2151731-7 OCEAN_2.0_SPARE_PART_KIT-100F1300	

Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers
(3)



Automotive Connector Locks &
Position Assurance(2)



Automotive Housings(244)



Automotive Terminals(35)



Connector Backshells(84)



Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector
Accessories(11)

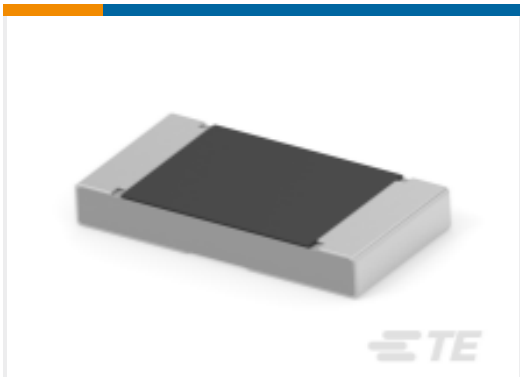
Customers Also Bought



TE Part #4-6609959-3
PMOSSSBX0=C5257



TE Part #DT04-12PA-BE04
DEUTSCH DT Receptacle Connectors



TE Part #5-2176526-2
3503G 2B 174R 1% 5K RL



TE Part #1-2176305-2
RP 1E 0.1W 140R 0.1% 25PPM 5K RL



TE Part #HDP24-18-8SN
REC, 8P, BLK, N, 12, S



TE Part #1-962915-2
TAB 2.8x0.8 CONTACT CS SWS Ag



TE Part #NB15704001
RNF-150-1/2-0-SP



TE Part #ZPF000000000008596
983-6S 14-04 SN-L



Documents

Product Drawings

PIN, SF, SIZE 16, 14-18 AWG, AU/SN

English

CAD Files

Customer View Model

ENG_CVM_638078-1_E1.3d_igs.zip

English

Customer View Model

ENG_CVM_638078-1_E1.3d_stp.zip

English

Customer View Model

ENG_CVM_638078-1_E1.2d_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

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English