



Terminals & Splices > Automotive Terminals > AMPSEAL 16 CONTACTS



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

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

Features

Product Type Features

Sealable	No
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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[.063 in]
Interface Plating	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

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
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

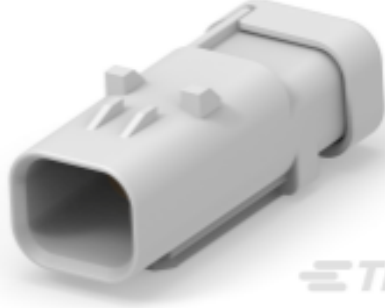
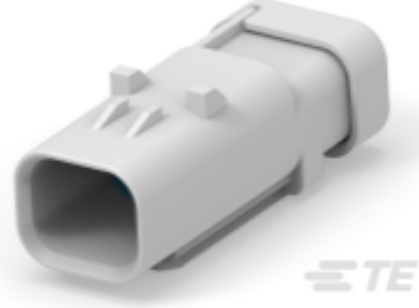
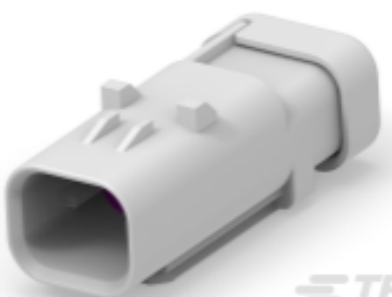
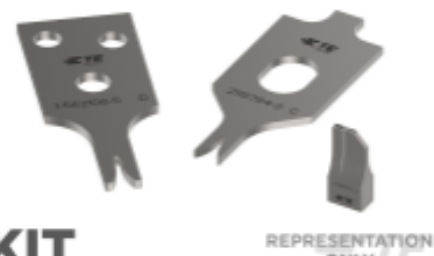
Product Compliance Disclaimer

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

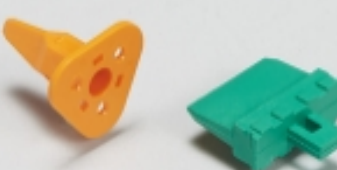


on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # CAT-AM7801-CH8172 AMPSEAL 16 Housings	 TE Part # CAT-H991-CH8172 AMPSEAL 16 Hybrid Lever Housings	 TE Part # 2151239-1 OCEAN_2.0_Applicator-S-100F-RSM	 TE Part # 2151239-2 OCEAN_2.0_Applicator-S-100F-RSA
 TE Part # 2217753-1 CCII SOCKET PIN CONT 18-14 ASSY	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2320913-1 2POS,AMPSEAL 16,PIN HSG ASSY, SLD,COD 1	 TE Part # 2320913-2 2POS,AMPSEAL 16,PIN HSG ASSY, SLD,COD 2
 TE Part # 2320913-3 2POS,AMPSEAL 16,PIN HSG ASSY, SLD,COD 3	 TE Part # 2320913-4 2POS,AMPSEAL 16,PIN HSG ASSY, SLD,COD 4	 TE Part # 7-2151239-7 OCEAN_2.0_SPARE_PART_KIT-100F	 TE Part # 7-2151239-2 OCEAN_2.0_Applicator-S-100F

Also in the Series | AMPSEAL 16

 Automotive Connector Caps & Covers (1)	 Automotive Connector Locks & Position Assurance(2)	 Automotive Housings(244)	 Automotive Terminals(35)
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Connector Backshells(86)



Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(11)

Customers Also Bought



TE Part # 776434-3
AS 16, 6P CAP ASSY, KEY 3



TE Part # 1318750-2
025/090 CAP ASSY 50P



TE Part # 1717138-5
025/040 SEALED 44POS PLUG ASSY



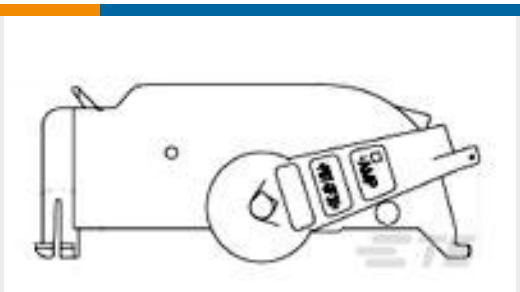
TE Part # HD10-9-96P-BE09
RECP ASM



TE Part # 4-1879355-0
RR03 5% 180K AMMO



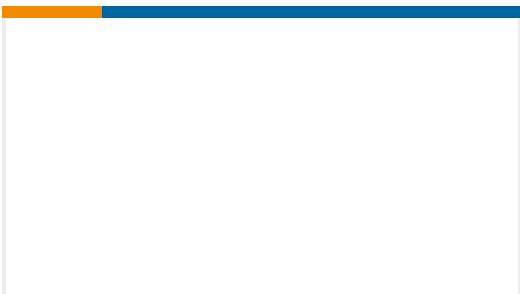
TE Part # W3P-P004
WEDGE LOCK



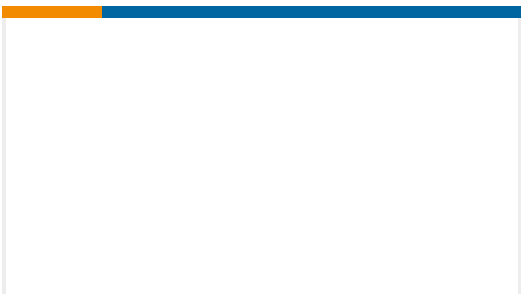
TE Part # 1473250-1
MQS 81P LEVER(L) ASSY



TE Part # 8N1521-32
ENDBELL, SIZE 32



TE Part # 7G7919-10
SEAL PLUG, SIZE 8, WHT



TE Part # NB34434001
TAK-SLEEVE-1/8-X-BULK-SP

Documents



Product Drawings

PIN, SF, SIZE 16, 14-18 AWG,NO INS,AU/SN

English

CAD Files

Customer View Model

ENG_CVM_CVM_638112-1_M.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_638112-1_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_638112-1_M.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

Application Specification

English