

638078-3 ✓ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 638078-3

Pin Terminal, 18 – 14 AWG, .823 – 2.08 mm² Wire, Tin (Sn), 1.59 mm [.062 in] Pin Diameter, Terminates To Wire, AMPSEAL 16

[View on TE.com >](#)



Automotive Parts > Automotive Terminals > Contacts: Size 16, 13A



Terminal Type: **Pin**

Wire Size: **18 – 14 AWG**

Interface Plating: **Tin (Sn)**

Primary Locking Feature: **Clean Body**

[All Contacts: Size 16, 13A \(35\)](#)

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	Pin
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	1.95 – 3.94 mm [.077 – .155 in]
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Wire Size	18 – 14 AWG
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Tab Length	23.21 mm[.914 in]
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Usage Conditions

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

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
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Packaging Quantity	4000
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Other

Customer Preferred Contact	No
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Terminal Transmits	0 – 24 A (Low Power)
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 2320913-4
AS16,CAP ASSY,HT,02P,N SEAL,
CODE D



TE Part # 2320913-3
AS16,CAP ASSY,HT,02P,N SEAL,
CODE C



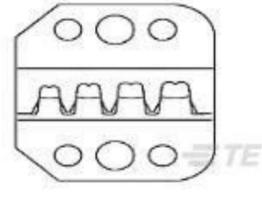
TE Part # 5-2151731-2
OCEAN_2.0_Applicator-S-100F1300-
RSA



TE Part # CAT-AM7801-CH8172
AMPSEAL 16 Housings



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No
Crimp



TE Part # 91337-2
SIZE 16 PRO-CRIMPER DIE



TE Part # 2151731-2
OCEAN_2.0_Applicator-S-100F1300-
RSA



TE Part # 2151731-1
OCEAN_2.0_Applicator-S-100F1300-
RSM



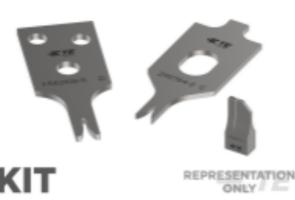
TE Part # 2320913-2
AS16,CAP ASSY,HT,02P,N SEAL,
CODE B



TE Part # 776300-2
PIN CONTACT WIRE TO WIRE NICKE



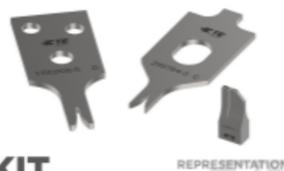
TE Part # 91337-1
SIZE 16 PRO-CRIMPER ASSY.



TE Part # 7-2151731-7
OCEAN_2.0_SPARE_PART_KIT-
100F1300



TE Part # 5-2151731-1
OCEAN_2.0_Applicator-S-100F1300-
RSM



TE Part # 7-2151238-7
OC-100F1300-752-
CRIMPTOOLINGKIT

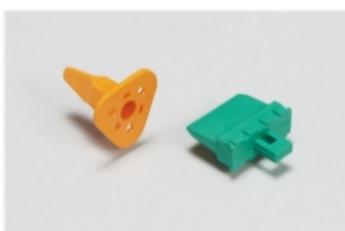


TE Part # 2320913-1
AS16,CAP ASSY,HT,02P,N SEAL,
CODE A



TE Part # CAT-H991-CH8172
AMPSEAL 16 Hybrid Lever Housings

Also in the Series | **AMPSEAL 16**



Automotive Connector Locks & Position Assurance(6)



Automotive Housings(241)



Automotive Seals & Cavity Plugs(11)



Data Connectivity Headers(9)



Other Automotive Connector Accessories(8)

Customers Also Bought

TE Part #DT04-2P-E003
REC, 2P, GRY, N, CAPTE Part #CAT-AM7801-T273
Contacts: Size 16, 13ATE Part #CAT-AM7801-CH8172
AMPSEAL 16 HousingsTE Part #7-1415010-9
V23134J0165X517-EV-CBOXTE Part #2292797-3
AS16, PLUG BACKSHELL KIT, ST, 02P,
NC08TE Part #2320913-1
AS16, CAP ASSY, HT, 02P, N SEAL,
CODE A

Documents

Product Drawings

[PIN, SF, SIZE 16, 14-18 AWG, NI/SN](#)

English

CAD Files

Customer View Model

[ENG_CVM_638078-3_E1.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_638078-3_E1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_638078-3_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

AMPSEAL 16 CONNECTOR SERIES

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English