

638112-3 ✓ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 638112-3

Automotive Terminals, Pin, Pin Diameter 1.59 mm [.063 in], 18 – 14 AWG Wire Size, .8 – 2 mm² Wire Size, Nickel (Ni) Interface Plating, AMPSEAL 16

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



Terminal Type: Pin

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

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	Nickel (Ni)

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	Package

Other

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

Product Compliance

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

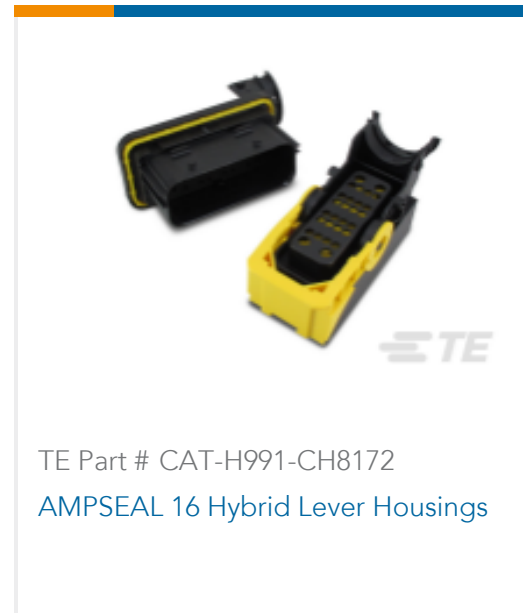
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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



Also in the Series | **AMPSEAL 16**



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance (2)



Automotive Housings (244)



Automotive Terminals (33)



Connector Backshells (84)



Connector Seals & Cavity Plugs (4)



Data Connectivity Headers (2)



Data Connectivity Housings (3)

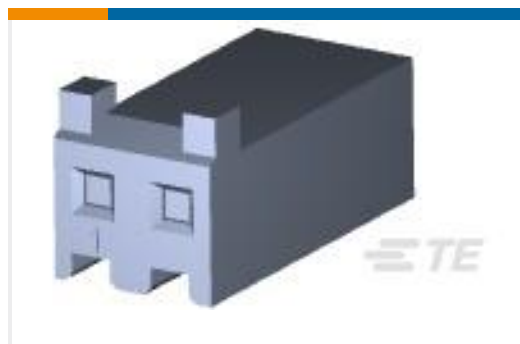


Other Automotive Connector Accessories (11)

Customers Also Bought



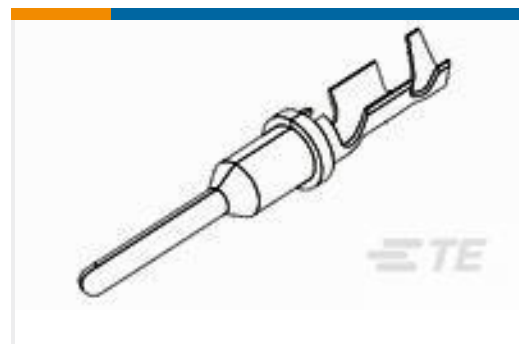
TE Part #776532-1
AMPSEAL 16 Housings



TE Part #770849-2
02P SL156 HSG W/LCK RMP & TABS



TE Part #8-1879233-9
SMW5 470R 5%



TE Part #638078-3
PIN, SF, SIZE 16, 14-18 AWG, NI/SN



TE Part #1-1241418-3
AMP MCP 6.3/4.8K, CONTACT, SWS



TE Part #NB14032001
TAT125 Heat shrink Tubing



TE Part #34115
SOLIS R 22-16COMM 22-18MIL 3/8

Documents



Product Drawings

[PIN, SF, SIZE 16, 14-18 AWG,NO INS,NI/SN](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_638112-3_M.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_638112-3_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_638112-3_M.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

Product Specifications

[Application Specification](#)

English