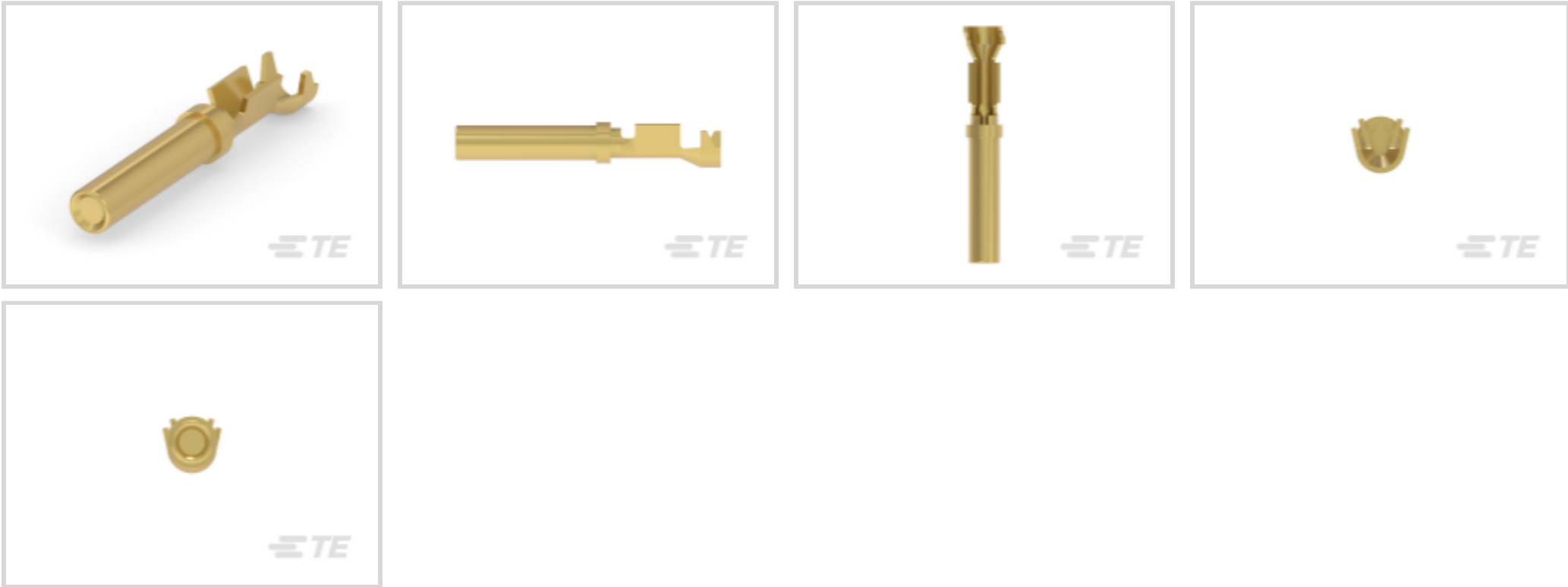




Terminals & Splices > Automotive Terminals > AMPSEAL 16 CONTACTS



Terminal Type: **Socket**
Mating Pin Diameter: **1.59 mm [.063 in]**
Terminal Transmits: **0 - 24 A (Low Power)**
Wire Size: **.51 - .82 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	Socket
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

Compatible Insulation Diameter Range	2.26 - 3.32 mm[.089 - .131 in]
Wire Size	.51 - .82 mm ²
Wire Size Search	18 AWG, 19 AWG, 20 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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Other

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
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 # 2119118-1
SDE Commercial Tool & Die

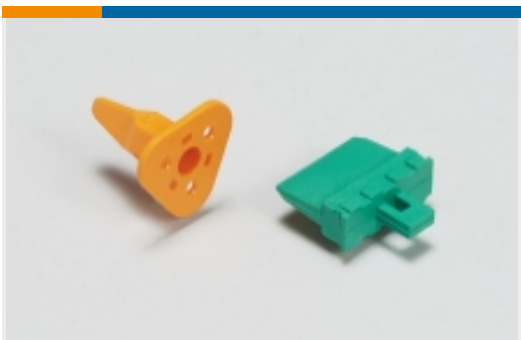


TE Part # 2119118-2
SDE Commercial Tool & Die

Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers
(1)



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(244)



Automotive Terminals(35)



Connector Backshells(86)



Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



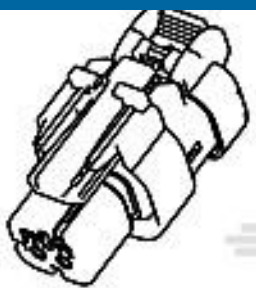
Data Connectivity Housings(3)



Other Automotive Connector Accessories(11)

Customers Also Bought





TE Part # 776523-1
AS 16, 3P PLUG ASSY, RD, KEY 1



TE Part # 1-104480-6
SHORT POINT RECP CONT LP



TE Part # 3-1904131-5
V23134A4052X544-EV-CBOX



TE Part # 1670865-1
COVER,90



TE Part # 1-1418390-1
Heavy Duty Sealed Connector Series
Housings



TE Part # 1-968876-1
AMP MCP 2.8, CONTACT SWS (LP)



TE Part # 1-968872-1
AMP MCP 2.8, CONTACT (LP)



TE Part # 1-968873-1
AMP MCP 2.8, CONTACT (LP)



TE Part # 1-968874-1
AMP MCP 2.8, CONTACT (LP)

Documents

Product Drawings
ASSEMBLY SOCKET LOOSE PC GOLD
English

CAD Files
Customer View Model
ENG_CVM_CVM_1924580-1_A.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1924580-1_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1924580-1_A.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

1924580-1

Automotive Terminals, Socket, Pin Diameter 1.59 mm [.063 in], 20 - 18 AWG Wire Size, .51 - .82 mm² Wire Size, Gold (Au) Interface Plating



CONNECTOR SELECTOR

English