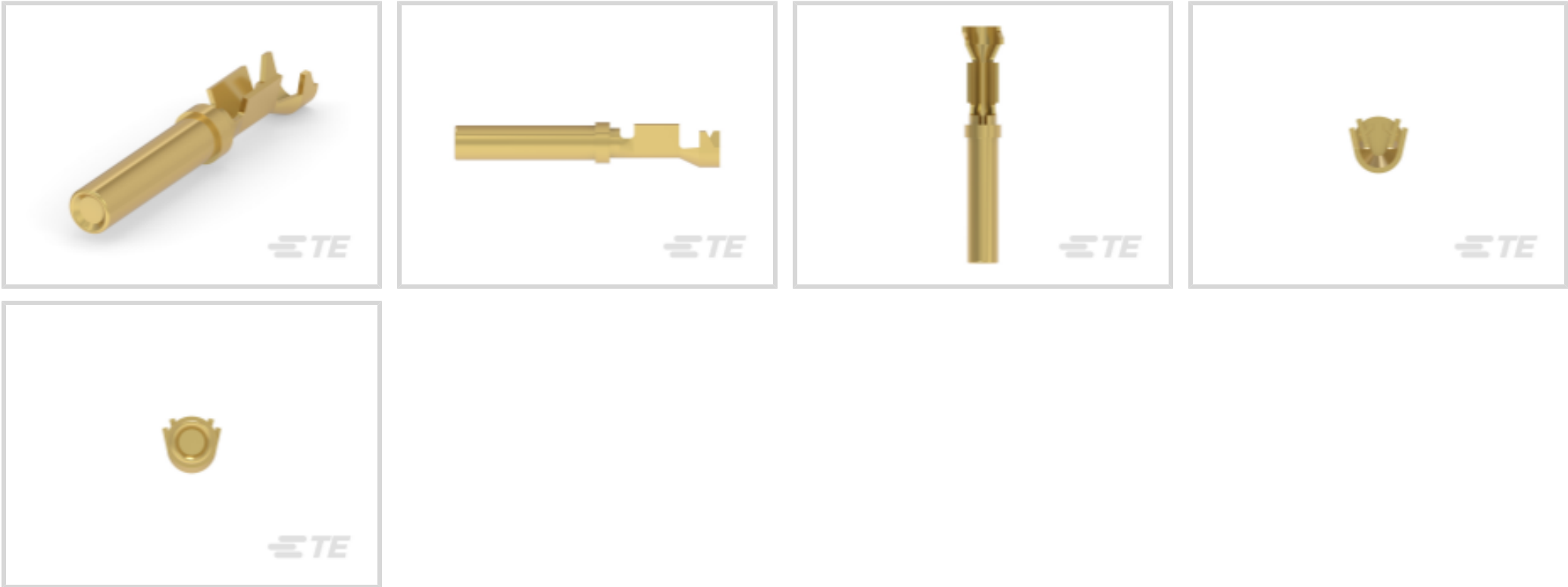




Terminals & Splices > Automotive Terminals > AMPSEAL 16 CONTACTS



Terminal Type: **Socket**
Mating Pin Diameter: **1.59 mm [.062 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **.52 – .823 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[.062 in]
Interface Plating	Gold (Au)

Termination Features





Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.27 – 2.72 mm[.05 – .107 in]
Wire Size	.52 – .823 mm ²
Tab Length	21.6 mm[.85 in]

Usage Conditions

Insulation Option	Partially Insulated
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	1000
Packaging Method	Bag

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: 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 # 2119118-1
SDE Commercial Tool & Die

TE Part # 2119118-2
SDE Commercial Tool & Die

Also in the Series | AMPSEAL 16

Automotive Connector Caps & Covers
(3)

Automotive Connector Locks & Position Assurance
(2)

Automotive Housings(244)

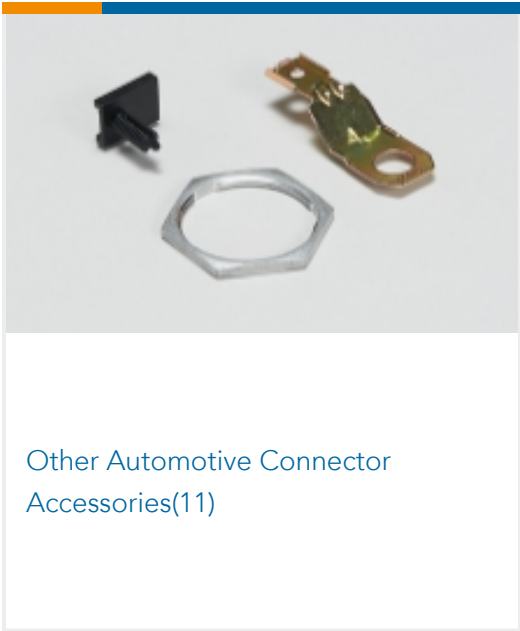
Automotive Terminals(35)

Connector Backshells(88)

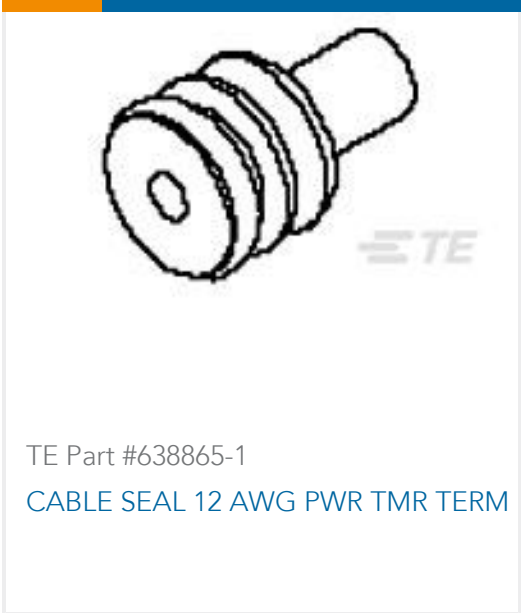
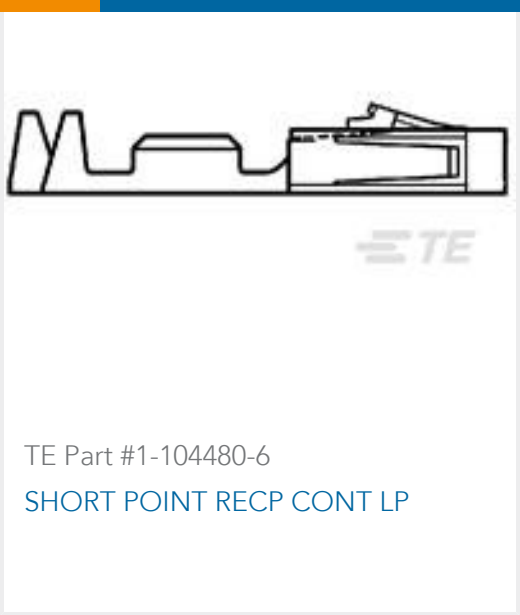
Connector Seals & Cavity Plugs(4)

Data Connectivity Headers(2)

Data Connectivity Housings(3)



Customers Also Bought



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

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Datasheets & Catalog Pages

[TERMINALS AND CONNECTORS](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English