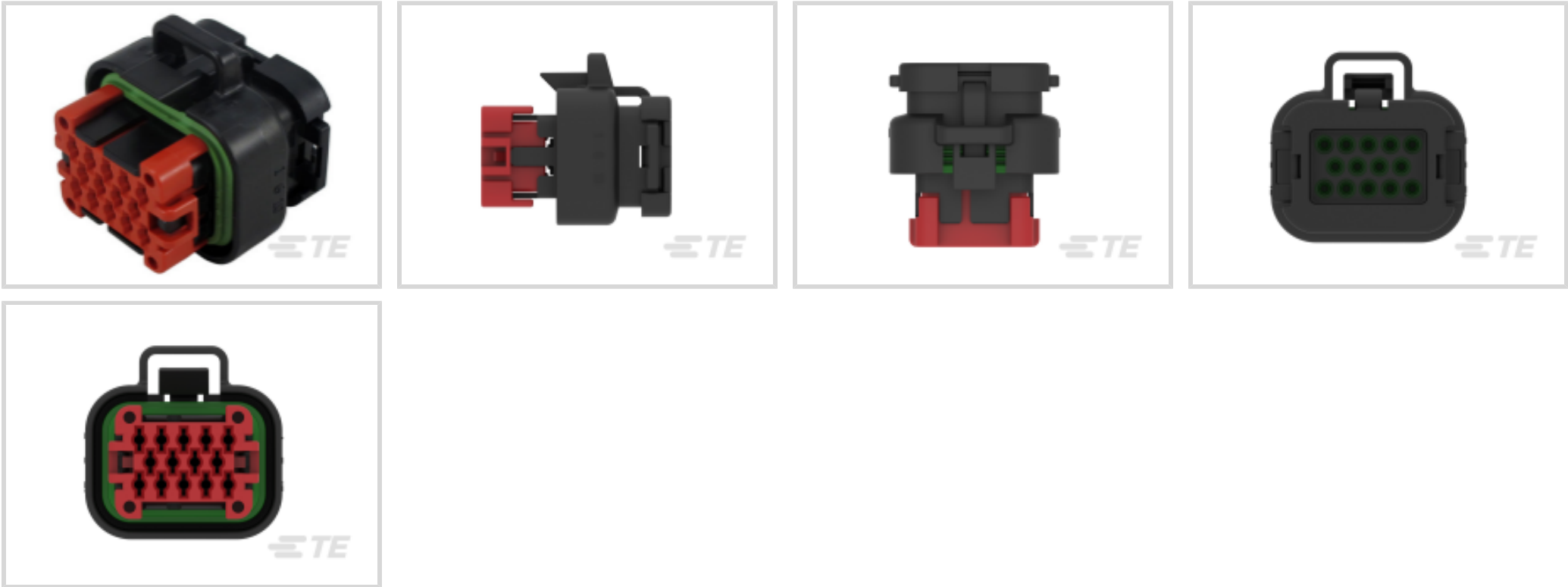




Connectors > Automotive Connectors > Automotive Housings > AMPSEAL Receptacle Housings



Number of Positions: 14

Connector & Housing Type: Housing for Female Terminals

Mating Pin Diameter: 1.3 mm [.051 in]

Connector System: Wire-to-Board

Centerline (Pitch): 4 mm [.157 in]

[All AMPSEAL Receptacle Housings \(31\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	14
Number of Rows	3

Electrical Characteristics

Operating Voltage	250 VAC
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Nominal Voltage Architecture	250 V
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Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	1

Contact Features

Contact Size	1.3mm
Contact Type	Socket
Mating Pin Diameter	1.3 mm[.051 in]
Contact Current Rating (Max)	17 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Row-to-Row Spacing	4 mm[.157 in]
Product Width	33.6 mm[1.323 in]
Product Length	35.4 mm[1.394 in]
Connector Height	34.6 mm[1.362 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP6K7, IP6K9K
UL Flammability Rating	UL 94V-0



Packaging Features

Packaging Quantity	56
Packaging Method	Tray

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

Product Compliance

For compliance documentation, visit the product page on TE.com>







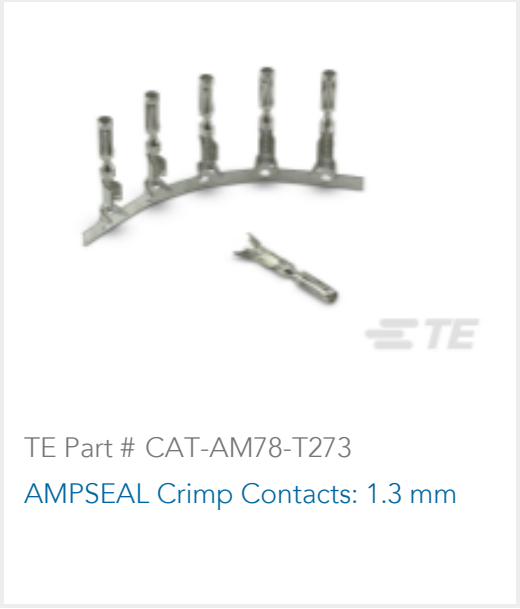



EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in 27520126679) Decamethylcyclopentasiloxane (D5) (.5% in 27520126679) Octamethylcyclotetrasiloxane (D4) (.5% in 27519221955) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer


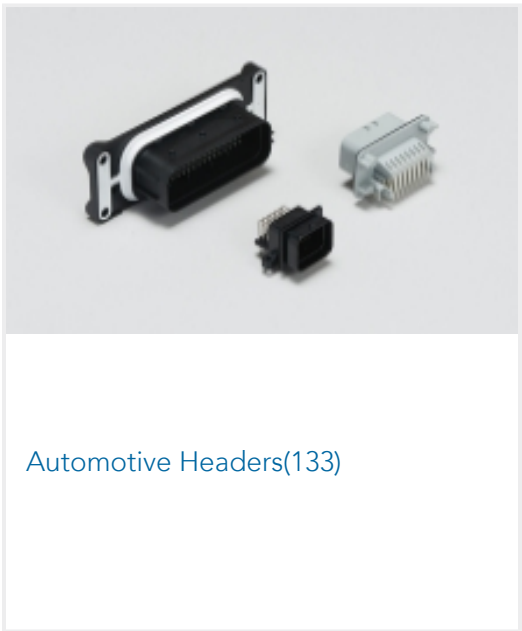
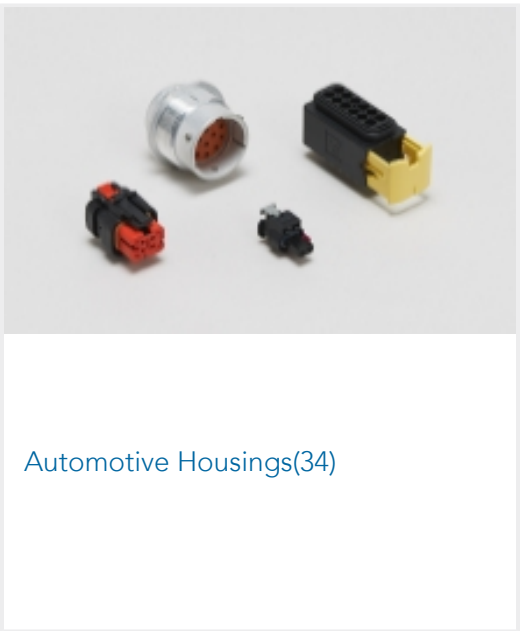
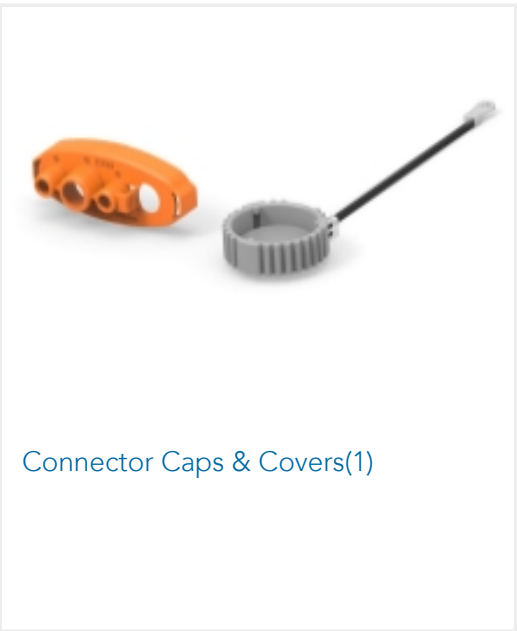
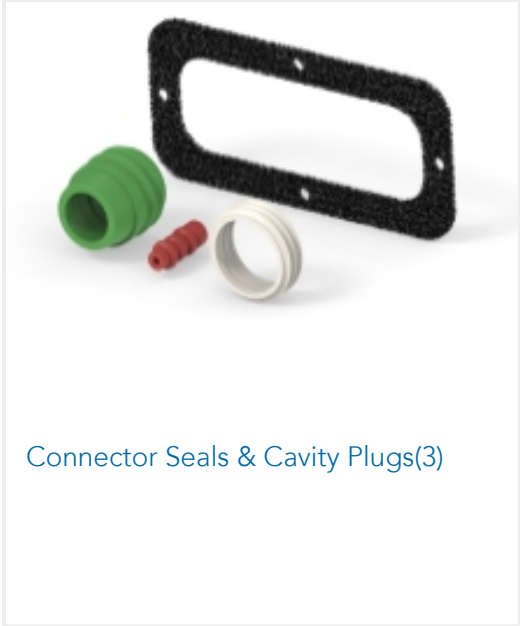
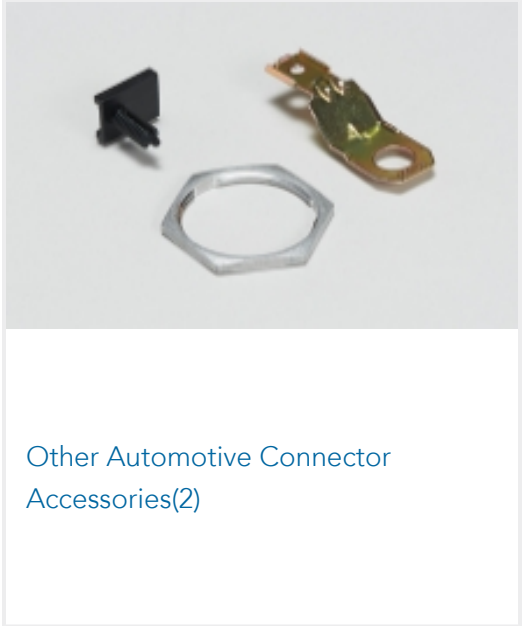


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # CAT-J04-ARH AMPSEAL Robust Headers</p>	 <p>TE Part # 2437603-1 AMPSEAL HDR 14P RA COD1, TIN</p>	 <p>TE Part # 2437602-1 AMPSEAL HDR 14P VERTICAL COD1, TIN</p>	 <p>TE Part # CAT-AM78-H342 AMPSEAL PCB Vertical Headers</p>
 <p>TE Part # 2138530-1 STRAIN RELIEF, 14 POSITION AMPSEAL</p>	 <p>TE Part # CAT-J04-APHH AMPSEAL PCB Right-Angle Headers</p>	 <p>TE Part # CAT-AM78-T273 AMPSEAL Crimp Contacts: 1.3 mm</p>	 <p>TE Part # 2373965-1 CPA, AMPSEAL</p>
 <p>TE Part # 58529-1 PRO-CRIMPER III TOOL AMPSEAL</p>	 <p>TE Part # 770678-1 SEAL PLUG, AMPSEAL</p>		

Also in the Series | AMPSEAL

 <p>Automotive Connector Locks & Position Assurance(1)</p>	 <p>Automotive Headers(133)</p>	 <p>Automotive Housings(34)</p>	 <p>Connector Caps & Covers(1)</p>
 <p>Connector Seals & Cavity Plugs(3)</p>	 <p>Other Automotive Connector Accessories(2)</p>	 <p>PCB Headers & Receptacles(133)</p>	 <p>Wire-to-Board Headers & Receptacles (126)</p>



Customers Also Bought



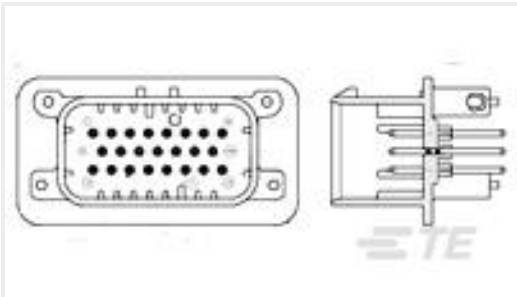
TE Part #52410-1
PIDG SP SPD 22-16COMM22-18MIL8



TE Part #CAT-AM78-CH8172
AMPSEAL Receptacle Housings



TE Part #7-2266029-7
OCEAN_2.0_SPARE_PART_KIT-047F075F



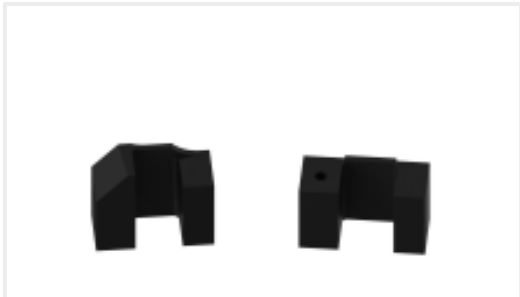
TE Part #1-776262-1
14POS,PIN DIA 1.3,HDR ASSY, 180DEG,COD 1



TE Part #185402-2
MODULAR RELAY HOLDER



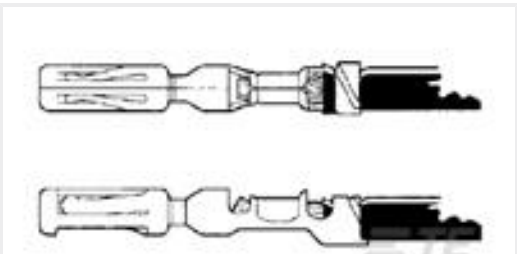
TE Part #2138530-1
STRAIN RELIEF,14 POSITION AMPSEAL



TE Part #2119862-2
SHEAR HOLDER, REAR



TE Part #3-1418483-1
2POS,AMP MCP2.8,REC. HSG



TE Part #770854-3
CONTACT,AMPSEAL AU L/P

Documents

Product Drawings

14POS,AMPSEAL,SOC HSG ASSY,SLD,COD 1

English

CAD Files

Customer View Model

ENG_CVM_CVM_776273-1_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_776273-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776273-1_E.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPSEAL Connector Series

English

AMPSEAL Connector Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English