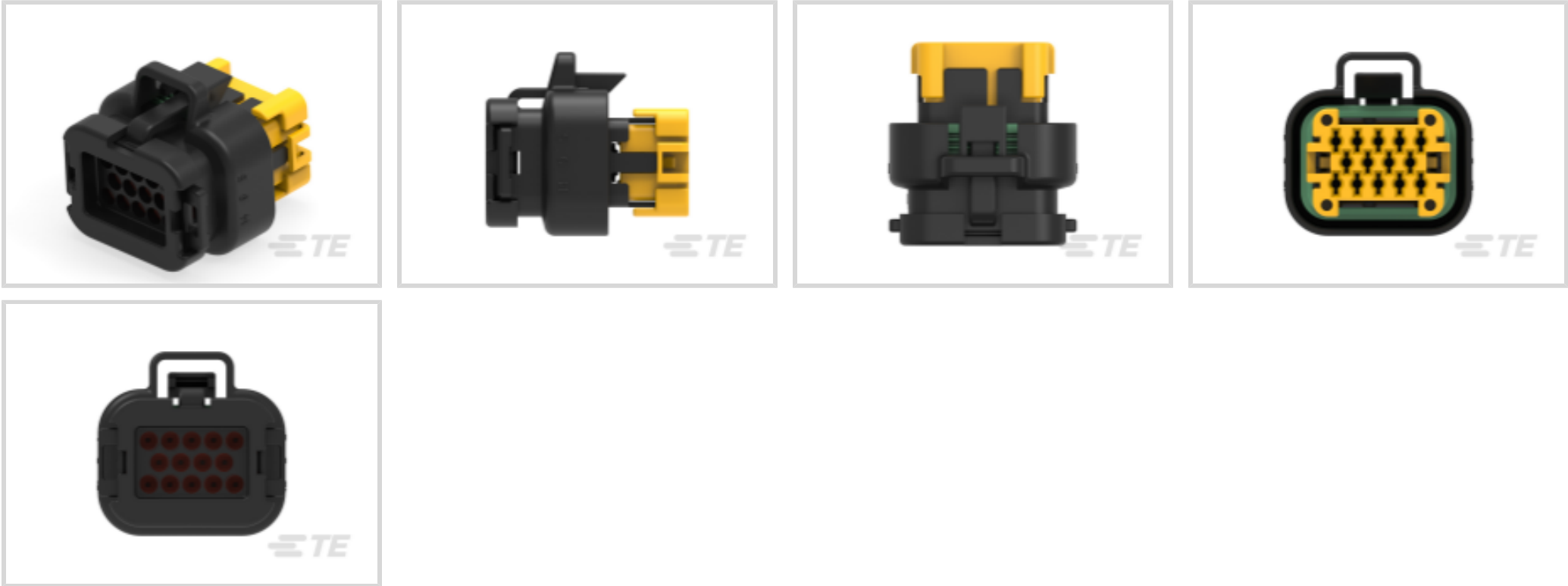




Connectors > Automotive Connectors > Automotive Housings > AMPSEAL Receptacle Housings



Number of Positions: 14  
Connector & Housing Type: Housing for Female Terminals  
Mating Pin Diameter: 1.3 mm [.05 in]  
Connector System: Wire-to-Board  
Centerline (Pitch): 4 mm [.16 in]

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

Features

Industry Standards

IP Rating	IP6K7
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Electrical Characteristics

Operating Voltage	250 VDC
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Packaging Features

Packaging Method	Tray
Packaging Quantity	56

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Contact Features

Contact Type	Socket
Mating Pin Diameter	1.3 mm[.05 in]



Product Type Features

Connector Shape	Rectangular
Mixed & Hybrid Connector	No
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

Body Features

Primary Product Color	Black
Connector & Keying Code	1

Housing Features

Centerline (Pitch)	4 mm [.16 in]
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Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Other

Connector Position Assurance Capable	Yes
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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)




SVHC > Threshold:  
Octamethylcyclotetrasiloxane (D4) (.5% in Component Part)  
Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part)  
Decamethylcyclopentasiloxane (D5) (.5% in Component Part)  
**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




TE Part # 770678-1  
SEAL PLUG, AMPSEAL




TE Part # 58529-1  
PRO-CRIMPER III TOOL AMPSEAL




TE Part # 2373965-1  
CPA,AMPSEAL




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



TE Part # CAT-J04-APHH  
AMPSEAL PCB Right-Angle Headers

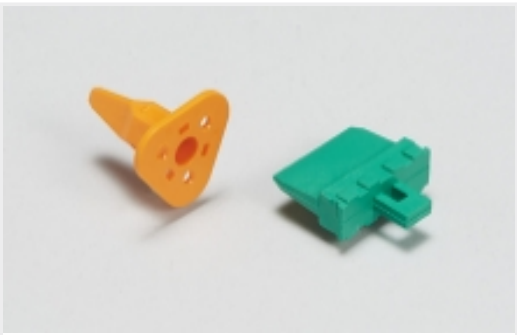


TE Part # CAT-AM78-H342  
AMPSEAL PCB Vertical Headers



TE Part # CAT-AM78-T273  
AMPSEAL Crimp Contacts: 1.3 mm

Also in the Series | AMPSEAL



Automotive Connector Locks & Position Assurance(1)



Automotive Headers(120)



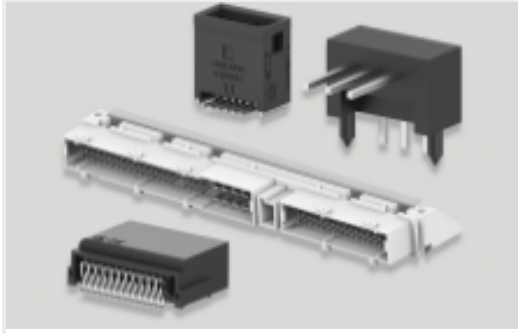
Automotive Housings(31)



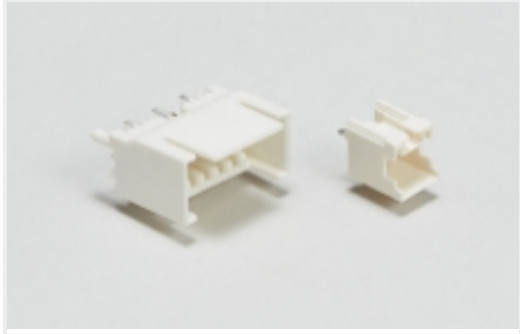
Connector Backshells(4)



Connector Seals & Cavity Plugs(2)



PCB Headers & Receptacles(120)



Wire-to-Board Headers & Receptacles (119)

Customers Also Bought



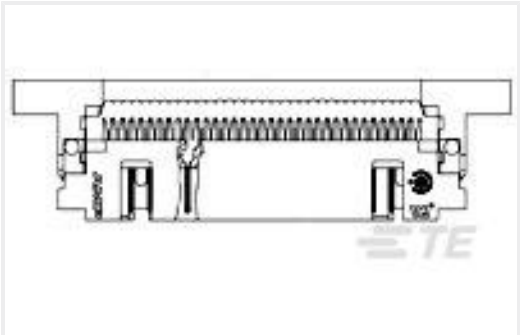
TE Part #CAT-H3399-CH8172  
Heavy Duty Sealed Connector Series Housings



TE Part #770520-8  
AMPSEAL, TERMINAL, GOLD PLATE, 20-22AWG WIR



TE Part #1618002-7  
EV200AAANA=RELAY, EV200 SPST-N



TE Part #5111448-1  
010 UNIV I/O 30DP SLOT



TE Part #ASA035N00410235000  
623 PLUG



TE Part #2389806-1  
STRAIN RELIEF, 23 POSITION AMPSEAL



TE Part #3-1618389-7  
LEV100A4ANG=RELAY, 12Vdc SPST-NO



TE Part #322334  
TERMINAL, SOLIS R HT 16-14 8



TE Part #111451-1  
LATCH, UNIV I/O

Documents



Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2371883-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2371883-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2371883-1\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

AMPSEAL Connector Series

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English