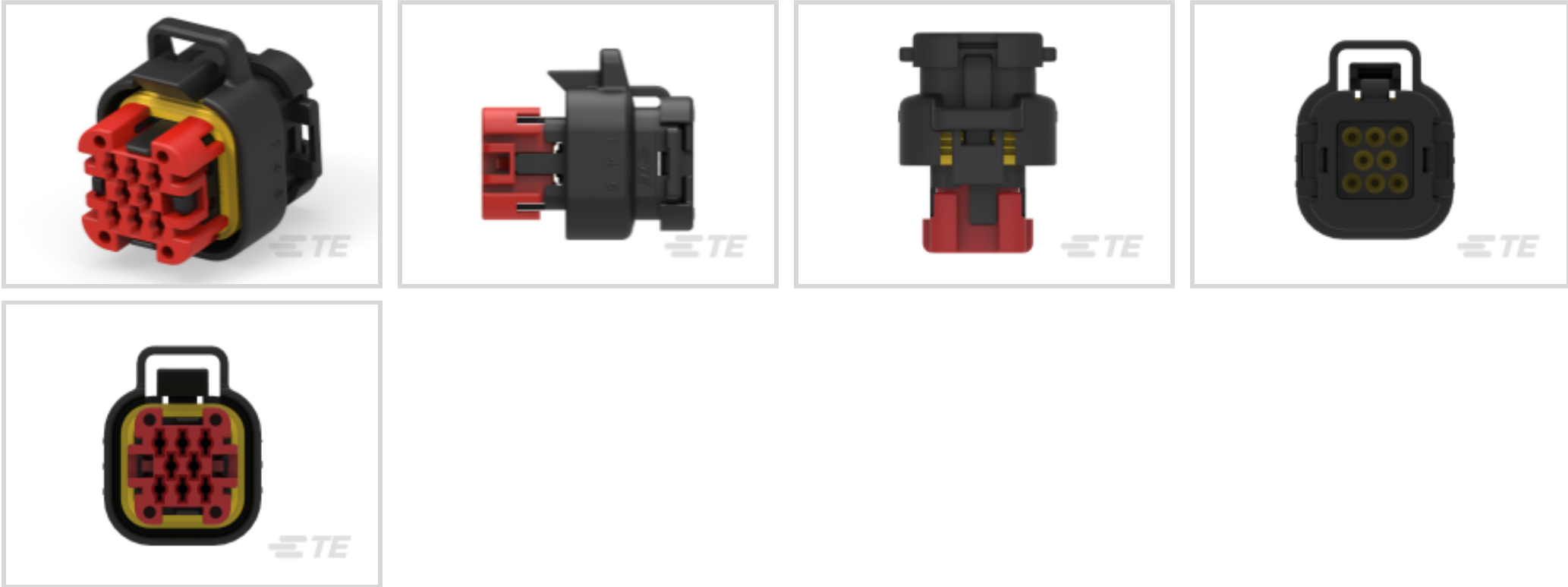




Connectors > Automotive Connectors > Automotive Housings > AMPSEAL Receptacle Housings



Number of Positions: 8

Connector & Housing Type: Plug

Mating Pin Diameter: 1.3 mm [.051 in]

Connector System: Wire-to-Board, Wire-to-Panel

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	Plug
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Number of Rows	3

Electrical Characteristics

Operating Voltage	159 VDC
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Body Features



Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	2, 4

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	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Row-to-Row Spacing	4 mm[.157 in]
Product Width	38.3 mm[1.5 in]
Product Length	27.4 mm[1.08 in]
Connector Height	34.5 mm[1.35 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	IP67, IP69K
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	56
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Packaging Method	Tray
Other	
Serviceable	Yes
Connector Position Assurance Capable	No

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 27519454046) Decamethylcyclopentasiloxane (D5) (.5% in 27519454046) Octamethylcyclotetrasiloxane (D4) (.5% in 27519454046) 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 # CAT-J04-ARH
AMPSEAL Robust Headers

TE Part # 2437600-1
AMPSEAL HDR 8P VERTICAL COD1, TIN



TE Part # 2373965-1
CPA, AMPSEAL



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



TE Part # 770678-1
SEAL PLUG, AMPSEAL

TE Part # 2489686-1
8POS, PIN DIA 1.3, HDR ASSY, 180DEG



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



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



TE Part # 2138529-1
STRAIN RELIEF, 8 POSITION AMPSEAL

TE Part # 2437601-1
AMPSEAL HDR 8P RA COD1, TIN



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

Also in the Series | AMPSEAL



Automotive Connector Locks & Position Assurance(1)



Automotive Headers(133)



Automotive Housings(34)



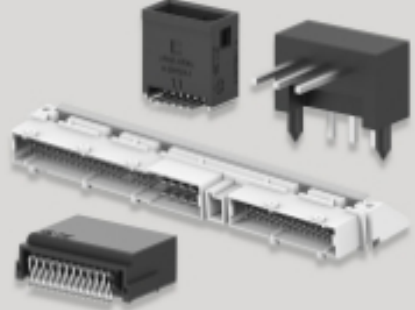
Connector Caps & Covers(1)



Connector Seals & Cavity Plugs(3)



Other Automotive Connector Accessories(2)

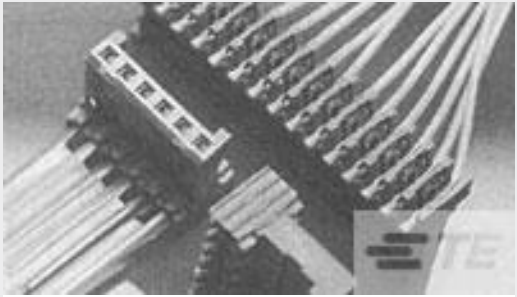


PCB Headers & Receptacles(133)



Wire-to-Board Headers & Receptacles (126)

Customers Also Bought



TE Part #144270-2
PLUG HE14 IDC 90 2 P AWG 24



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



TE Part #CAT-AM78-CH8172
AMPSEAL Receptacle Housings



TE Part #2138529-1
STRAIN RELIEF,8 POSITION AMPSEAL



TE Part #770678-1
SEAL PLUG, AMPSEAL

Documents

Product Drawings

8POS,AMPSEAL,SOC HSG ASSY,SLD,COD 1

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_776286-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_776286-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776286-1_G.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

AMPSEAL Connector Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English



Product Specifications

Engineering Report

English

Agency Approvals

UL Report

English