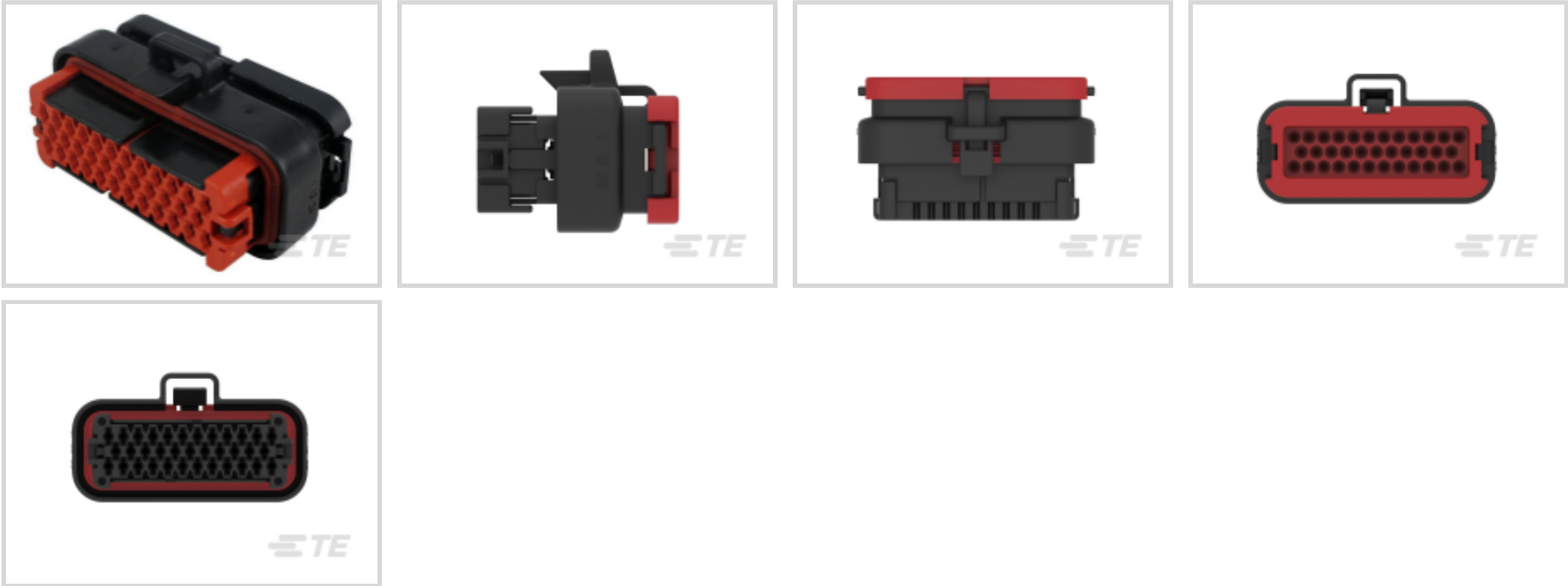




Automotive Parts > Automotive Connectors > Automotive Housings > AMPSEAL Receptacle Housings



Nominal Voltage Architecture: 250 V

Connector & Housing Type: Plug

Number of Positions: 35

Sealable: Yes

Operating Temperature Range: -40 – 125 °C [-40 – 257 °F]

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

Features

Product Type Features

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

Configuration Features

Number of Positions	35
Number of Rows	3

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 V



Body Features

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

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	Add By Accessory
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Polybutylene Terephthalate (PBT)
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	63.4 mm[2.496 in]
Connector Height	34.6 mm[1.362 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
Operating Temperature (Max)	125 °C[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	28
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Packaging Method	Package
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Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Octamethylcyclotetrasiloxane (D4) (.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.
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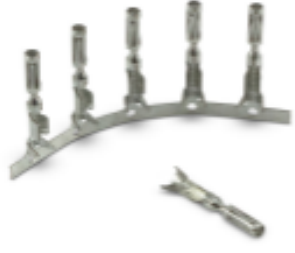
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

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-AM78-T273
AMPSEAL Crimp Contacts: 1.3 mm



TE Part # CAT-J04-ARH
AMPSEAL Robust Headers



TE Part # 2373965-1
CPA,AMPSEAL



TE Part # 770678-1
SEAL PLUG, AMPSEAL



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



TE Part # 2437607-1
AMPSEAL HDR 35P RA COD1, TIN



TE Part # 2437606-1
AMPSEAL HDR 35P VERTICAL COD1, TIN



TE Part # 2389807-1
STRAIN RELIEF,35 POSITION AMPSEAL

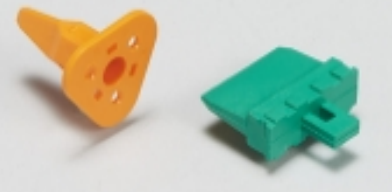


TE Part # CAT-AM78-H342
AMPSEAL PCB Vertical Headers



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

Also in the Series | AMPSEAL



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(34)

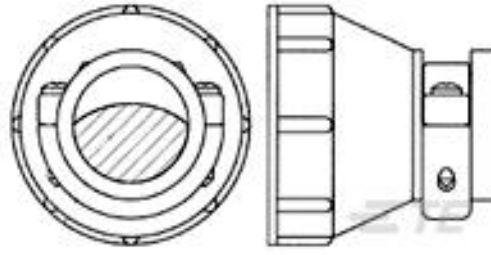


Automotive Seals & Cavity Plugs(2)



Other Automotive Connector Accessories(2)

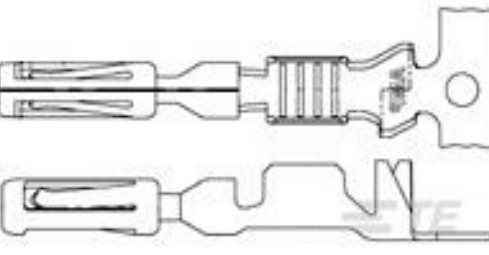
Customers Also Bought



TE Part #182928-1
CPC Cable Clamp Kit, Size 11, Large, UV



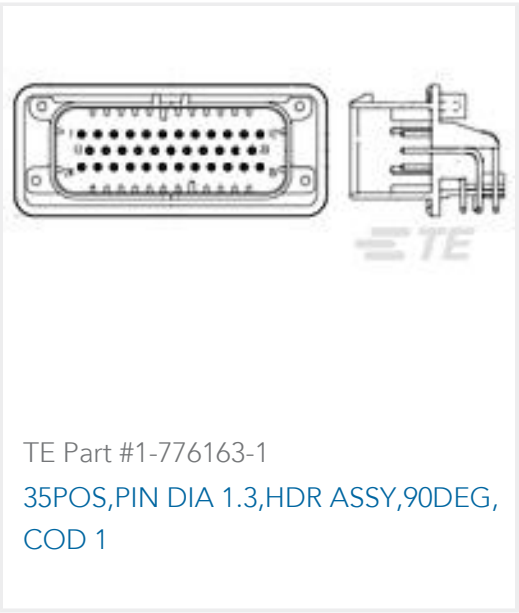
TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #770520-3
AMPSEAL,TERMINAL,GOLD PLATE, 16-20AWG WIR



TE Part #CAT-AM78-CH8172
AMPSEAL Receptacle Housings



Documents

Product Drawings

35POS,AMPSEAL,SOC HSG ASSY,SLD,COD 1

English

CAD Files

Customer View Model

ENG_CVM_CVM_776164-1_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_776164-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776164-1_F.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

Product Specifications

Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

776164-1

250 V, 35 Position, Automotive Plug, Wire-to-Device, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Power, AMPSEAL



English