

776164-1 ✓ ACTIVE

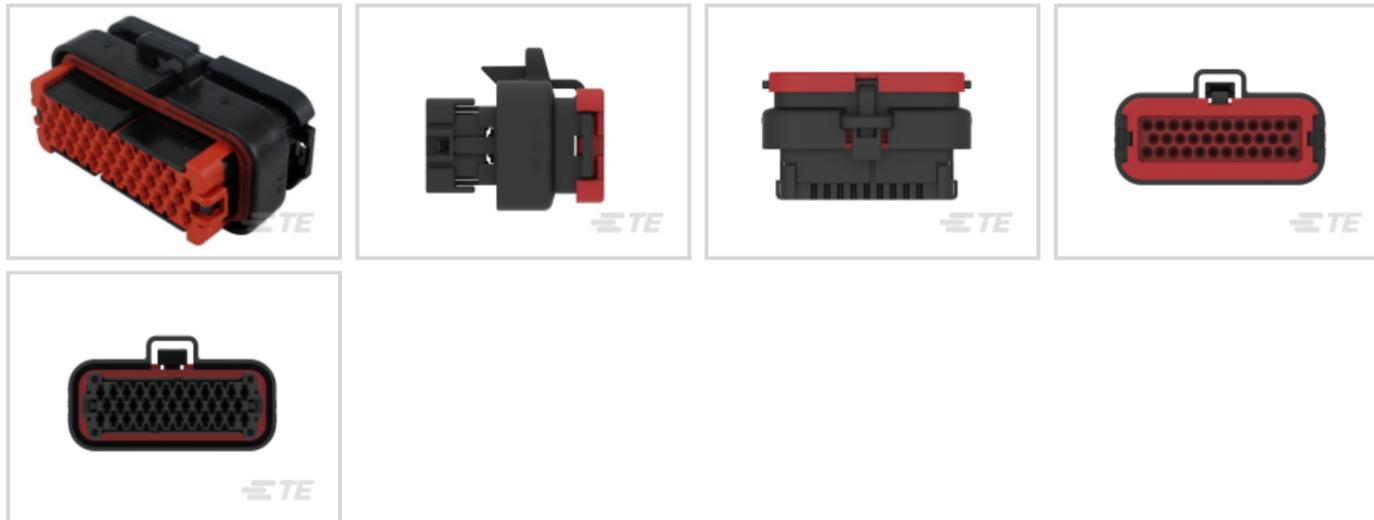
AMP | AMPSEAL

AMPSEAL, Housing for female terminals, Wire-to-Device, 35
Position, Sealable, Black, Power & Signal, Code 1

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Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings > AMPSEAL HOUSINGS



Connector Style: **Housing for female terminals**

Mating Pin Diameter: **1.3 mm [.051 in]**

Connector System: **Wire-to-Device**

Number of Positions: **35**

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

[All AMPSEAL HOUSINGS \(16\)](#)

Features

Product Type Features

Connector Style	Housing for female terminals
Connector System	Wire-to-Device
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing
Strain Relief	Add By Accessory
Row-to-Row Spacing	4 mm [.157 in]

Configuration Features

Number of Positions	35
Number of Rows	3

Electrical Characteristics

Nominal Voltage Architecture	250 V
Operating Voltage	250 VAC

Body Features

Cable Exit Angle	180°
Body Material	Other
Color	Black
Connector Code	1

Contact Features

Mating Pin Diameter	1.3 mm[.051 in]
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Mechanical Attachment

Terminal Position Assurance	Yes
Mounting Feature	Without
Polarized	Yes

Housing Features

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

Height	34.6 mm[1.362 in]
Length	63.4 mm[2.496 in]
Width	33.6 mm[1.323 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP6K9K
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Package
Packaging Quantity	220

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	ECHAによる現在の候補リスト: 2019年1月(197) 候補リストの表記: 2019年1月(197)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

			
Automotive Connector Caps & Covers(1)	Automotive Seals & Cavity Plugs(1)	Automotive, Truck, Bus, & Off-Road Headers(8)	Automotive, Truck, Bus, & Off-Road Terminals(4)

Also in the Series | [AMPSEAL](#)



Automotive Connector
Caps & Covers(5)



Automotive Seals & Cavity
Plugs(1)



Automotive, Truck, Bus, &
Off-Road Headers(111)

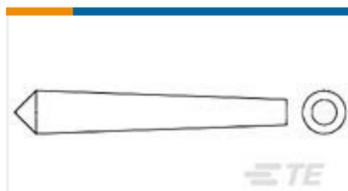


Automotive, Truck, Bus, &
Off-Road Housings(16)



Automotive, Truck, Bus, &
Off-Road Terminals(4)

Customers Also Bought



TE Part #770678-1
SEAL PLUG, AMPSEAL



TE Part #828922-1
2,5MM CAVITY PLUG FOR
5,4MM DI



TE Part #963531-1
BLINDSTOPFEN

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



Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[AMPSEAL Connector Catalog](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[Agency Approval Document](#)

English