



Connectors > Automotive Connectors > Automotive Housings > AMPSEAL Receptacle Housings



Number of Positions: 23
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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Packaging Features

Packaging Method	Tray
Packaging Quantity	28

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)

Contact Features

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



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	23
Number of Rows	3

Electrical Characteristics

Nominal Voltage Architecture	250 V
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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 # 2389806-1
STRAIN RELIEF,23 POSITION
AMPSEAL



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



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



TE Part # 770678-1
SEAL PLUG, AMPSEAL



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



TE Part # 2373965-1
CPA,AMPSEAL



TE Part # 776364-1
SEALING PLUG, SZ 20 CAVITY



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



Also in the Series

AMPSEAL

Automotive Connector Locks & Position Assurance(1)

Automotive Housings(31)

Automotive Terminals(8)

Customers Also Bought

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

TE Part #1355437-2
MCP9,5 EINZELDICHTG

TE Part #ASA035N00410235000
623 PLUG

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

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

TE Part #770520-5
AMPSEAL,TERMINAL,TIN PLATE,20-22AWG WIRE

TE Part #ZPF000000000015318
DMC-M 20-22 SN

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

Documents

Product Drawings

23POS,AMPSEAL,SOC HSG ASSY,SLD,COD 1

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2371884-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2371884-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2371884-1_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