

3-1564544-1 ✓ ACTIVE

AMP | Heavy Duty Sealed Connector Series

TE Internal #: 3-1564544-1

Housing for Male Terminals, Wire-to-Wire, 2 Position, .354 in [9 mm] Centerline, Sealable, Green, Signal, Heavy Duty Sealed Connector Series

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Connectors > Automotive Connectors > Connector Housings > Heavy Duty Sealed Connector Series Housings



Connector & Housing Type: **Housing for Male Terminals**

Mating Tab Width: **5.8 mm [.228 in]**

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

Number of Positions: **2**

Centerline (Pitch): **9 mm [.354 in]**

[All Heavy Duty Sealed Connector Series Housings \(204\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	60 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 60 V

Body Features

Cable Exit Angle	180°, 90°
Body Material	PBT GF
Primary Product Color	Green



Connector Code	C
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Contact Features

Contact Size	5.8mm
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Contact Type	Tab
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Mating Tab Width	5.8 mm [.228 in]
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Contact Current Rating (Max)	40 A
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Mechanical Attachment

Mounting Feature	Without
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Terminal Position Assurance	Yes
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Strain Relief	Add By Accessory
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Mating Alignment Type	Keyed
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Mating Alignment	With
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Connector Mounting Type	Panel Mount
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Housing Features

Centerline (Pitch)	9 mm [.354 in]
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Dimensions

Product Width	50.6 mm [1.992 in]
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Product Length	32.6 mm [1.283 in]
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Product Height	27 mm [1.063 in]
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Usage Conditions

Operating Temperature (Max)	70 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
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Operating Temperature Range	-40 – 140 °C [-40 – 284 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP67
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UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	320
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Packaging Method	Carton
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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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

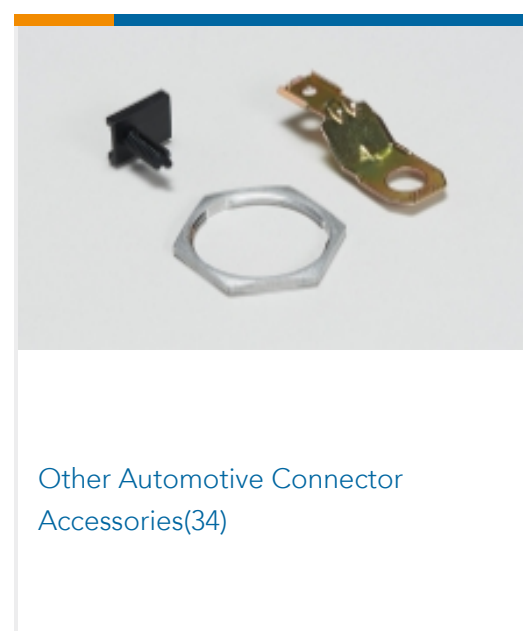
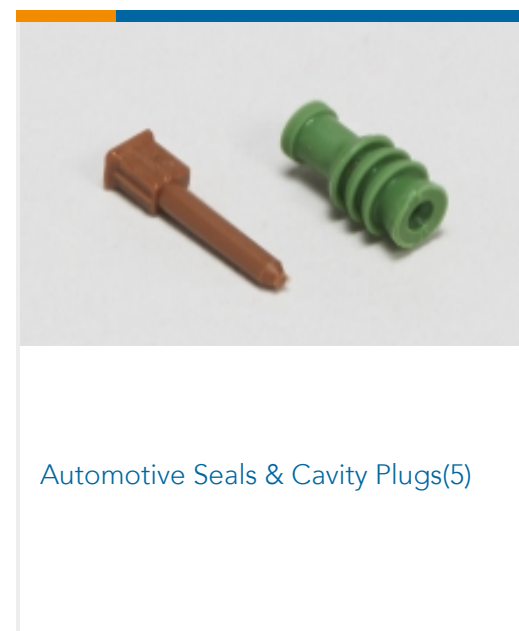
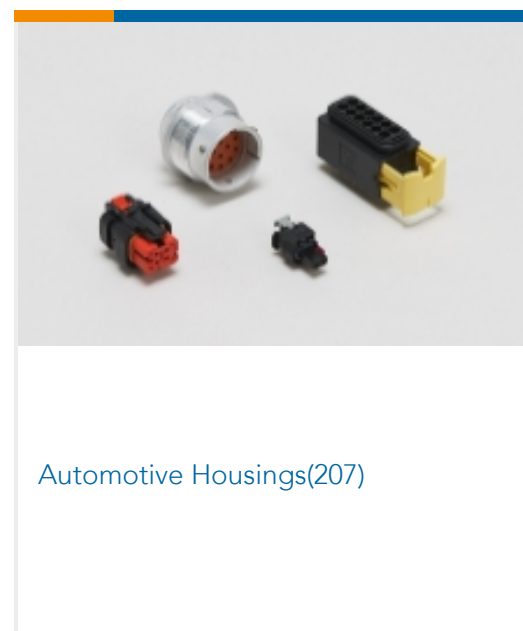
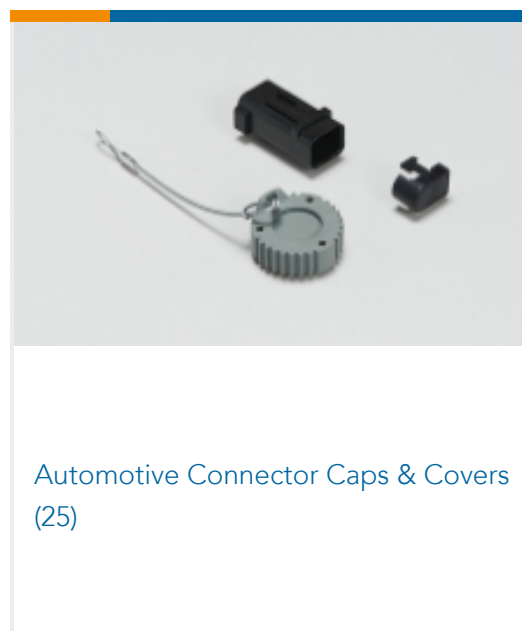
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 2112293-1 PROTECTION CAP, GROUP C, ASSY</p>	 <p>TE Part # CAT-H3399-B128 Heavy Duty Sealed Connector Series Backshells</p>	 <p>TE Part # 3-1564542-1 2POS, AMP MCP6.3/4.8K, REC HSG, ASSY</p>	 <p>TE Part # 963245-1 EINZELLEIT-DICHTUNG</p>
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Also in the Series | Heavy Duty Sealed Connector Series



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_3-1564544-1_H.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-1564544-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1564544-1_H.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[HDSCS Catalog](#)



English

[ICT Terminals and Connectors Catalogue](#)

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[CONNECTOR SELECTOR](#)

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[Product Specifications](#)

[Application Specification](#)

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