



Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **58**

Connector & Housing Type: **Cap**

Centerline (Pitch): **3.5 mm [.137 in]**

Sealable: **Yes**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Cap
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Locking Lance

Configuration Features

Blank Cavity Position	0
Number of Positions	58
Number of Rows	6

Electrical Characteristics

Operating Voltage	60 VAC
Nominal Voltage Architecture	42 V



Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

Contact Size	1.2mm, 2.8mm, 6.3mm
Contact Type	Receptacle

Mechanical Attachment

Terminal Position Assurance	Yes
Mating Alignment Type	Polarizing Rib
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	3.5 mm[.137 in]

Dimensions

Connector Height	55.3 mm
Product Length	59.5 mm
Wire Size	.35 – 1.5 mm², .5 – .25 mm², 4 – 6 mm²

Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-40 – 120 °C[-104 – 248 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IPX7, IPX9K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	150
Packaging Method	Tray

Other

Serviceable	Yes
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Connector Position Assurance Capable

Yes

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.11% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.11% in Component Part) Decamethylcyclopentasiloxane (D5) (.11% 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

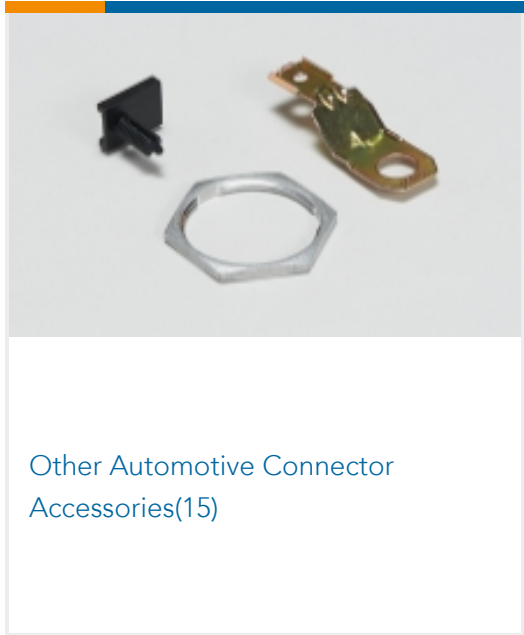
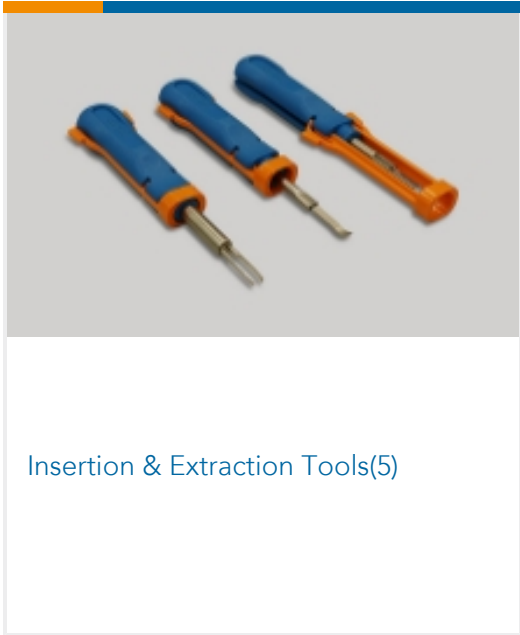
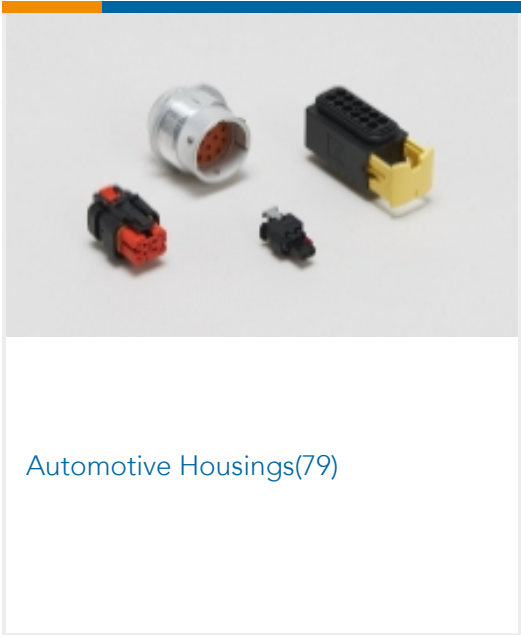
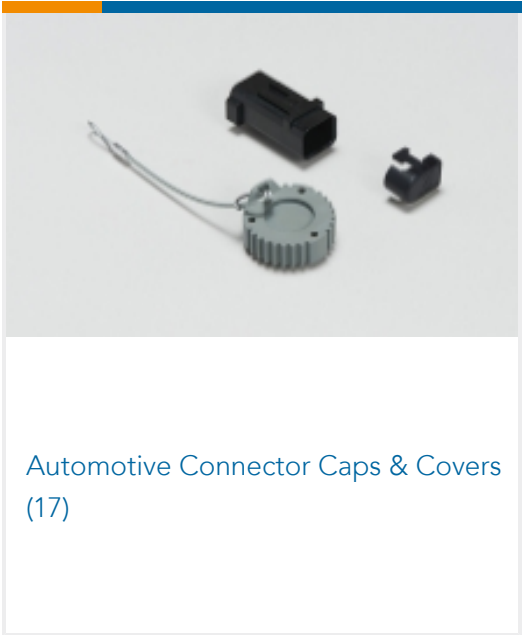
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



Also in the Series

LEAVYSEAL



Documents

Product Drawings

58POS,HYBRID,TAB HSG ASSY,SLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2378367-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2378367-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2378367-1_A.3d_stp.zip

English



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Product Specifications

Application Specification

English