



Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **42**

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

Centerline (Pitch): **4.2 mm [.165 in]**

Sealable: **Yes**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Clean Body

Configuration Features

Number of Positions	42
Number of Rows	6

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Primary Product Color	Black
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Contact Features



Contact Size	2.8mm
Contact Type	Socket
Mating Pin Diameter	1.6 mm[.063 in]

Mechanical Attachment

Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	4.2 mm[.165 in]
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Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power & Signal
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Other

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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: DEC 2010 (44) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability



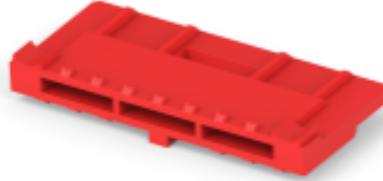


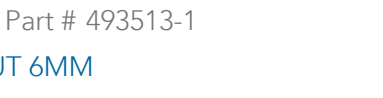
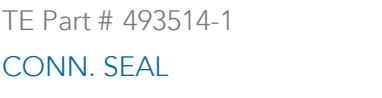
Product Compliance Disclaimer

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


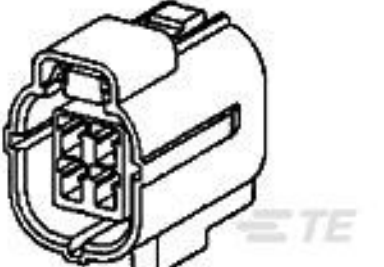


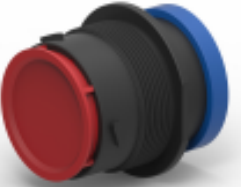





EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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 # 1599027-1 HSG ASSY 42P PIN CONTACT</p>	 <p>TE Part # 493511-1 SPACER TPA CENTRAL</p>	 <p>TE Part # 493510-1 SPACER TPA SIDE'S</p>	 <p>TE Part # 493507-1 GROMMET</p>
 <p>TE Part # 493509-3 HSG 42P SOCKET CONTACT</p>	 <p>TE Part # 493512-3 COVER WIRE CONNECTOR 42P</p>	 <p>TE Part # 493513-1 NUT 6MM</p>	 <p>TE Part # 493514-1 CONN. SEAL</p>

Customers Also Bought

 <p>TE Part #DRC26-50S04 PLG, 50P, BLK, N, 04</p>	 <p>TE Part #368530-1 E-S MK-2(+) 6P PLUG ASS'Y</p>	 <p>TE Part #184032-1 3 POS. PLUG ASSY, KEY A</p>	 <p>TE Part #929975-8 ROUND CONNECTOR SYSTEM, PIN AND SOCKET</p>
 <p>TE Part #HDP24-24-35PE-L017 REC, 35P, BLK, E, RNG, 16/20, P</p>	 <p>TE Part #9-1452423-9 96 POS. CONNECTOR ASSY</p>	 <p>TE Part #5-1438082-1 46 WAY HARNESS ASSEMBLY</p>	 <p>TE Part #1452990-1 76 POS COVER ASSY</p>



Documents

Product Drawings

HSG ASSY 42P SOCKET CONTACT

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1599028-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_1599028-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_1599028-1_C.3d_stp.zip

English

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