



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



Number of Positions: 12

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

Mating Tab Width: 2.8 mm [.11 in]

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

Centerline (Pitch): 6 mm [.236 in]

[All Heavy Duty Sealed Connector Series Housings \(177\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	60 VDC
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Body Features

Cable Exit Angle	180°, 90°
Primary Product Color	Black
Connector & Keying Code	C

Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	40 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	6 mm[.236 in]

Dimensions

Product Width	25.7 mm[1.012 in]
Product Length	67.2 mm[2.646 in]
Connector Height	31.25 mm[1.23 in]

Usage Conditions

Operating Temperature (Max)	140 °C[284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	230
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Packaging Method	Carton
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



TE Part # 2112303-1
PROTECTION CAP, FOR REC.HSG GROUP E



TE Part # 3-1579018-8
UNLOCK TOOL



TE Part # CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB

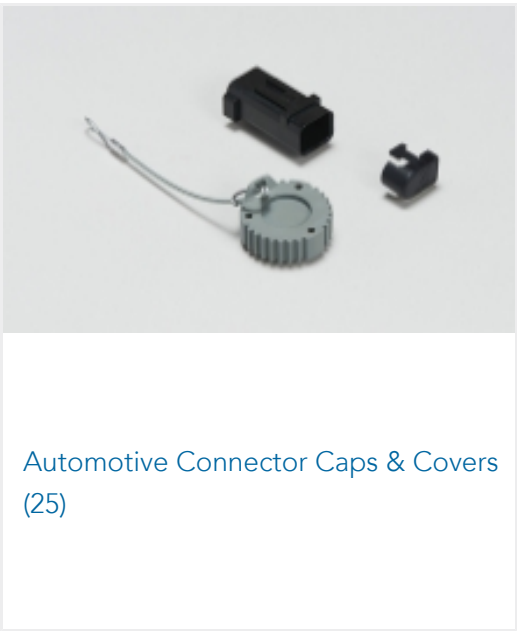


TE Part # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)

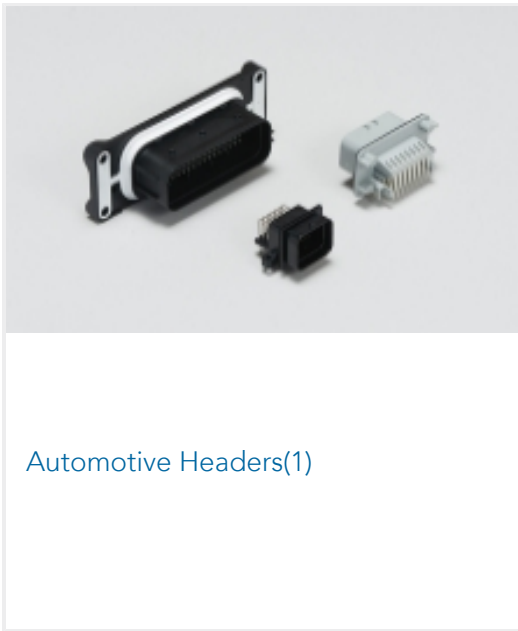


TE Part # 1670865-1
COVER,90

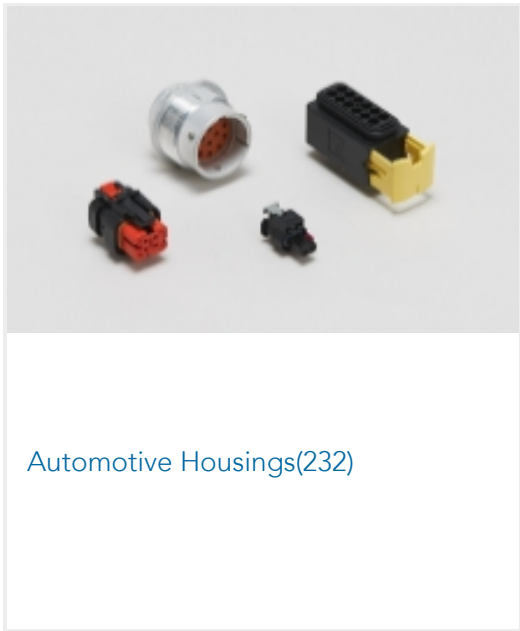
Also in the Series | Heavy Duty Sealed Connector Series



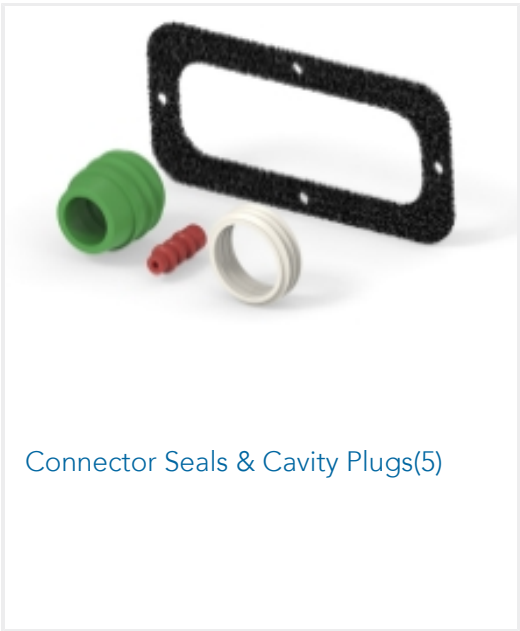
Automotive Connector Caps & Covers
(25)



Automotive Headers(1)



Automotive Housings(232)



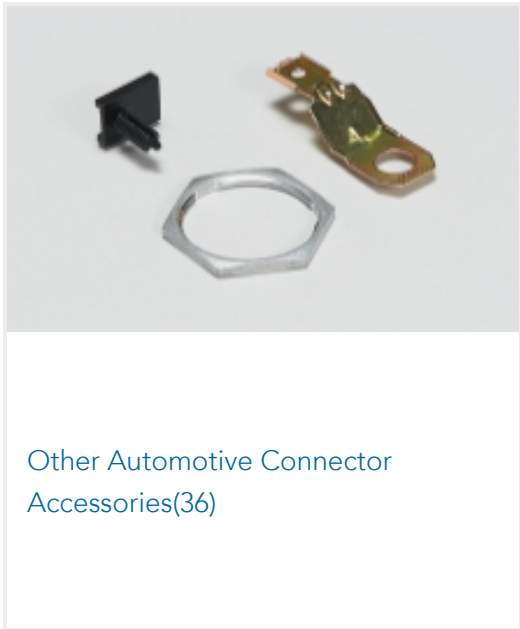
Connector Seals & Cavity Plugs(5)



Data Connectivity Headers(2)



Data Connectivity Housings(16)



Other Automotive Connector
Accessories(36)



PCB Headers & Receptacles(1)

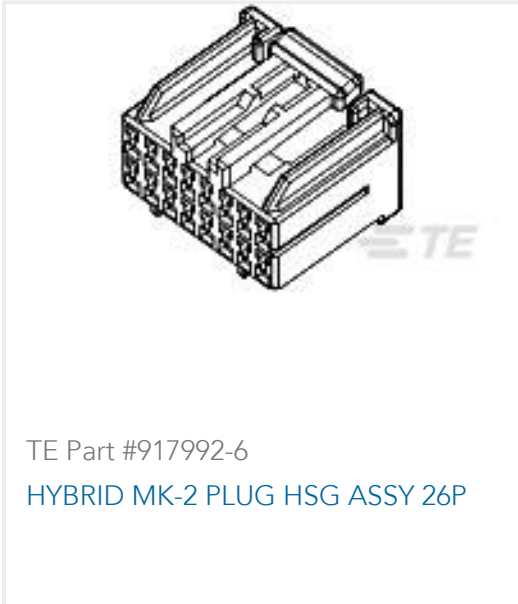


Rectangular Power Connectors(1)

Customers Also Bought



TE Part #1452915-2
30POS MIXED MQS REC SEALED



TE Part #917992-6
HYBRID MK-2 PLUG HSG ASSY 26P

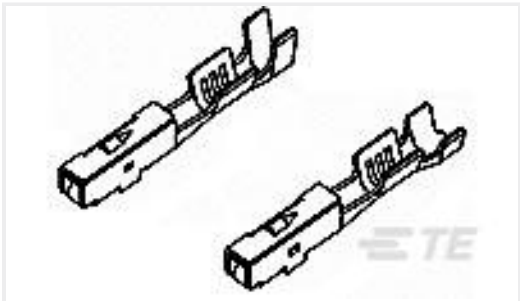


TE Part #1473712-1
SUPER SEAL 2ROW 26POS PLUG ASS



TE Part #2-2370702-2
2POS,DIA 1.5MM,SOC HSG ASSY,SLD,
COD NEUT





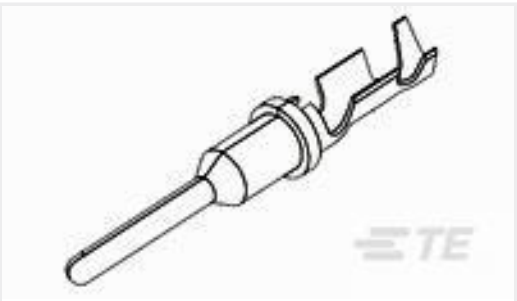
TE Part #175269-1
070 REC (M) FOR NSCC



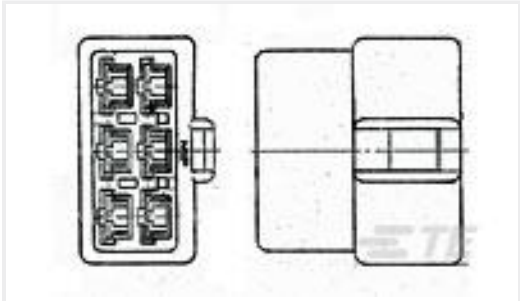
TE Part #2209521-1
46POS. COVER ASSY



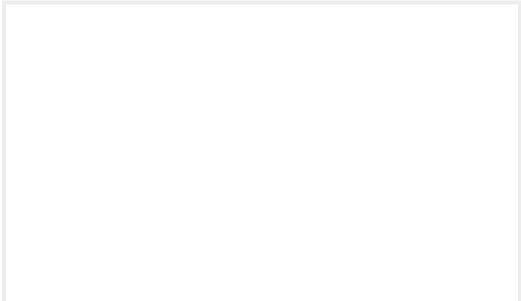
TE Part #368050-1
E-S MK-2(+) 16P CAP HSG



TE Part #638078-1
PIN, SF, SIZE 16, 14-18 AWG, AU/SN



TE Part #174203-1
250 FASTON WITH LANCE CAP 6P



TE Part #4-2418400-1
12POS, HYBRID, REC HSG ASSY,
UNSLD, COD A

Documents

Product Drawings
12POS,AMP MCP2.8,REC HSG,ASSY
English

CAD Files
Customer View Model
ENG_CVM_CVM_3-1670901-1_J.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_3-1670901-1_J.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_3-1670901-1_J.3d_stp.zip
English

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

Datasheets & Catalog Pages
Heavy Duty Sealed Connector Series
English
HDSCS Catalog
English
ICT Terminals and Connectors Catalogue
English
CONNECTOR SELECTOR
English



Product Specifications

Application Specification

English