

AMP | Heavy Duty Sealed Connector Series

TE Internal #: 1-1670730-1 Housing for Male Terminals, Wire-to-Wire, 3 Position, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Heavy Duty Sealed Connector Series

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



Connector System: Wire-to-Wire Number of Positions: **3** Connector & Housing Type: Housing for Male Terminals Centerline (Pitch): **4 mm [.157 in]** Sealable: **Yes**

All Heavy Duty Sealed Connector Series Housings (204)

Features

Product Type Features

Mixed & Hybrid Connector

Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing
Configuration Features	
Number of Positions	3
Number of Rows	1
Electrical Characteristics	
Operating Voltage	60 VDC
Nominal Voltage Architecture	60 V
Body Features	
Cable Exit Angle	180°, 90°
Primary Product Color	Black

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Connector & Keying Code	A
Contact Features	
Contact Size	1.6mm
Contact Type	Tab
Mating Tab Width	1.6 mm[.063 in]
Contact Current Rating (Max)	20 A
Mechanical Attachment	
Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	PBT GF
Centerline (Pitch)	4 mm[.157 in]
Dimensions	
Connector Height	19 mm[.748 in]
Product Width	47.05 mm[1.852 in]
Product Length	27.6 mm[1.087 in]
Usage Conditions	
Operating Temperature (Max)	140 °C[284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Degree of Protection	IP67
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	1
Packaging Method	Carton

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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



Housing for Male Terminals, Wire-to-Wire, 3 Position, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Heavy Duty Sealed Connector Series





TIMER, RECEPTACLE AND TAB



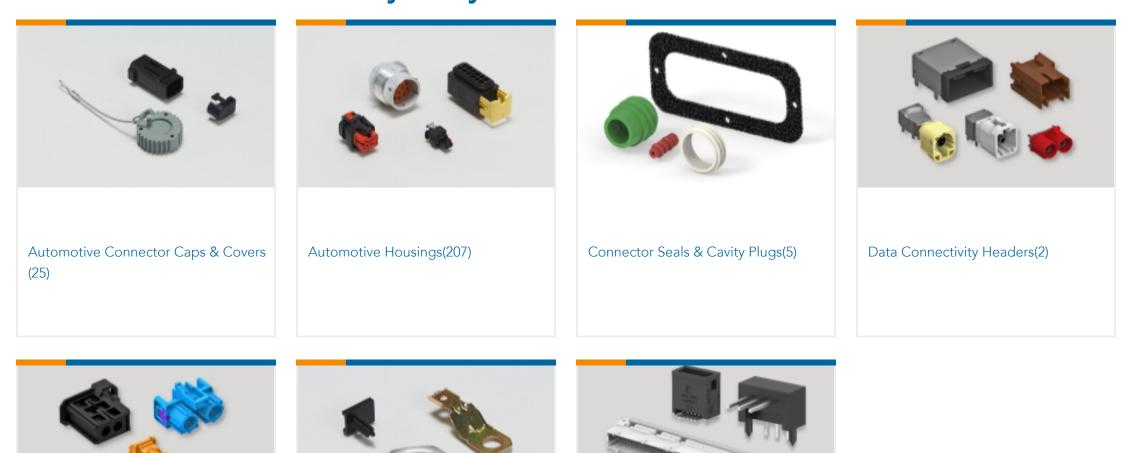
COVER MIXED, 180, 2-3POS, NW4.5



TE Part # 2306960-1 3POS, AMP MCP 1.5K, REC HSG ASSY, SLD,COD A



Also in the Series | Heavy Duty Sealed Connector Series

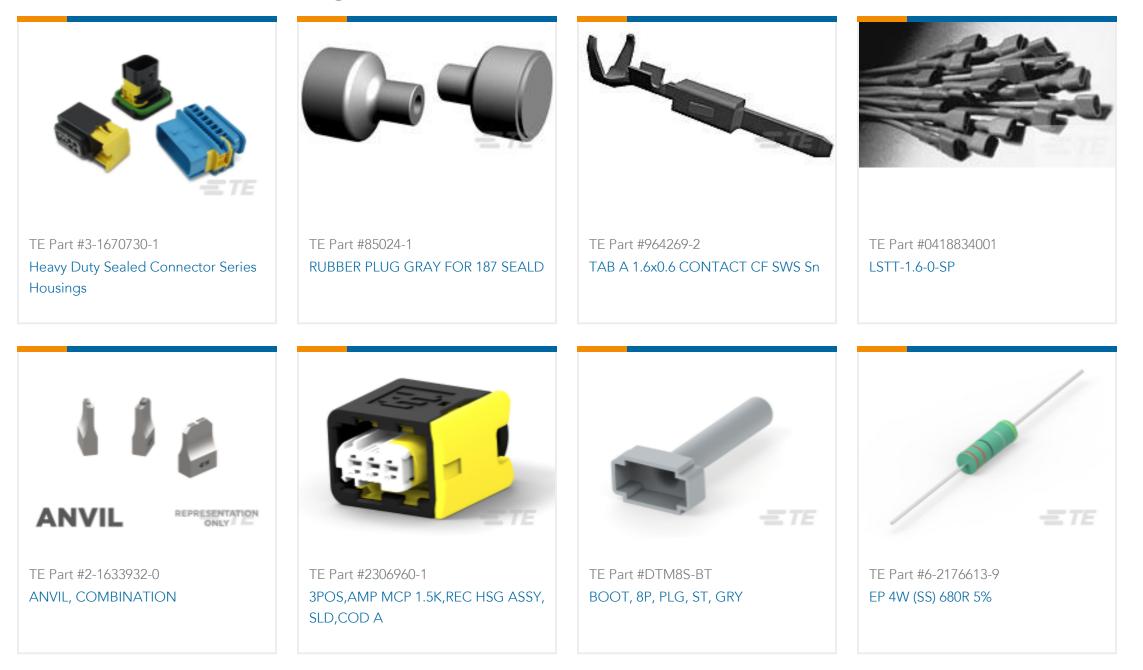


Data Connectivity Housings(16)

Other Automotive Connector Accessories(34)

PCB Headers & Receptacles(1)

Customers Also Bought



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Documents

Product Drawings 3POS,TAB 1.5X0.63,TAB HSG,ASSY

English

CAD Files

Customer View Model ENG_CVM_CVM_1-1670730-1_H.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1670730-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1670730-1_H.3d_stp.zip

English

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Datasheets & Catalog Pages

HDSCS CAN Bus Y-Connector and 120 Resistor Brochure

English

HDSCS Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications Application Specification

English