# 1-1703820-1 <

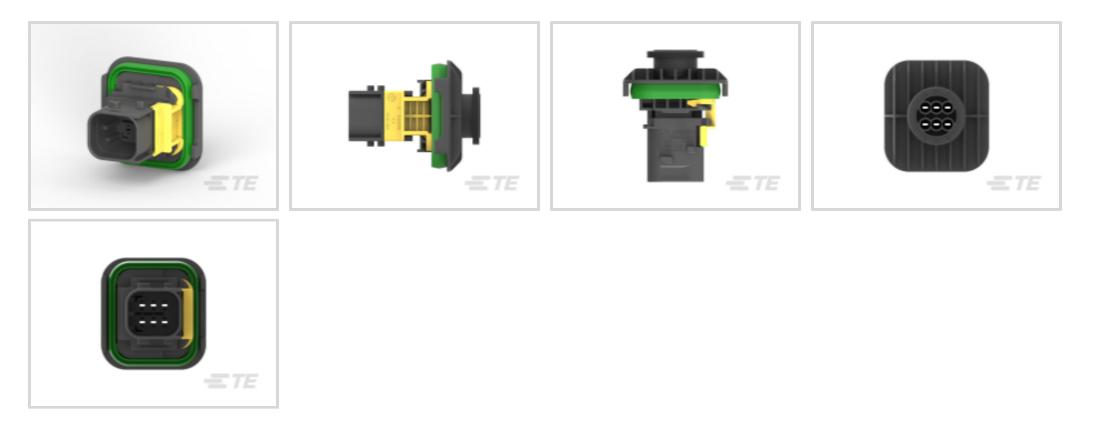
AMP | Heavy Duty Sealed Connector Series

TE Internal #: 1-1703820-1 Housing for Male Terminals, Wire-to-Wire, 6 Position, .157 in [4 mm] Centerline, Sealable, Black, Signal, Heavy Duty Sealed Connector Series

#### View on TE.com >



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



Connector & Housing Type: Housing for Male Terminals

Mating Tab Width: 1.6 mm [.063 in ]

Connector System: Wire-to-Wire

Number of Positions: 6

Centerline (Pitch): 4 mm [.157 in ]

All Heavy Duty Sealed Connector Series Housings (190)

## Features

### Product Type Features

Connector & Housing 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	6
Number of Rows	2
Electrical Characteristics	
Operating Voltage	60 VDC

Housing for Male Terminals, Wire-to-Wire, 6 Position, .157 in [4 mm] Centerline, Sealable, Black, Signal, Heavy Duty Sealed Connector Series



# **Body Features**

Cable Exit Angle	180°, 90°
Body Material	PBT GF
Primary Product Color	Black
Connector 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	
Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

#### Housing Features

Centerline (Pitch)	4 mm[.157 in]	
Dimensions		
Product Width	47.05 mm[1.852 in]	
Product Length	37.5 mm[1.476 in]	
Product Height	39.8 mm[1.567 in]	
Row-to-Row Spacing	5.5 mm, 6.3 mm[.217 in][.248 in]	
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]	
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]	
Operation/Application		
Circuit Application	Signal	
Industry Standards		

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Housing for Male Terminals, Wire-to-Wire, 6 Position, .157 in [4 mm] Centerline, Sealable, Black, Signal, Heavy Duty Sealed Connector Series



Degree of Protection	IP67
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	128
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
	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold

#### Halogen Content

Not Yet Reviewed

Not Low Halogen - contains Br or Cl > 900 ppm.

Not applicable for solder process capability

#### 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, 6 Position, .157 in [4 mm] Centerline, Sealable, Black, Signal, Heavy Duty Sealed Connector Series

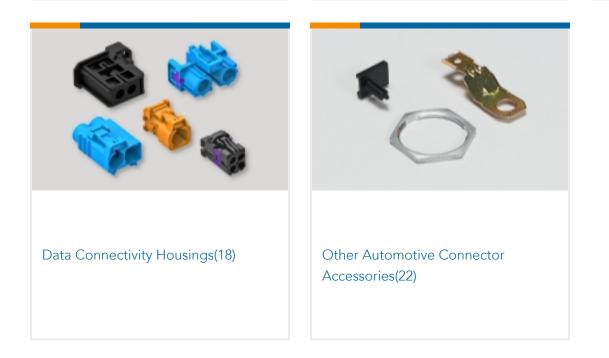




# Also in the Series | Heavy Duty Sealed Connector Series



Automotive	Connector	Caps a c	000013	
(25)				



# **Customers Also Bought**



Housing for Male Terminals, Wire-to-Wire, 6 Position, .157 in [4 mm] Centerline, Sealable, Black, Signal, Heavy Duty Sealed Connector Series







# Documents

**Product Drawings** 6POS,TAB 1.6X0.6,TAB HSG,ASSY,

English

**CAD** Files **Customer View Model** ENG\_CVM\_CVM\_1-1703820-1\_H.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1-1703820-1\_H.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-1703820-1\_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

English

CONNECTOR SELECTOR

English

**Product Specifications** 

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Housing for Male Terminals, Wire-to-Wire, 6 Position, .157 in [4 mm] Centerline, Sealable, Black, Signal, Heavy Duty Sealed Connector Series



**Application Specification** 

English

Product Environmental Compliance Product Compliance English

**Product Compliance** 

English