

AMP | Heavy Duty Sealed Connector Series

TE Internal #: 1-1418437-1 Housing for Female Terminals, Wire-to-Wire, 6 Position, .236 in [6 mm] Centerline, Sealable, Black, Signal, Heavy Duty Sealed Connector Series

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Connector System: Wire-to-Wire

Number of Positions: 6

Connector & Housing Type: Housing for Female Terminals

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

Sealable: Yes

All Heavy Duty Sealed Connector Series Housings (204)



Features

Product Type Features

Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal
Configuration Features	
Configuration Features Number of Positions	6
	6 2
Number of Positions	
Number of Positions Number of Rows	

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Body Features

Primary Product Color	Black
Connector & Keying Code	A
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	
Terminal Position Assurance	Yes
Terminal Position Assurance Strain Relief	Yes Without
Strain Relief	Without
Strain Relief Mating Alignment Type	Without Keyed
Strain Relief Mating Alignment Type Mating Alignment	Without Keyed With
Strain ReliefMating Alignment TypeMating AlignmentConnector Mounting Type	Without Keyed With

Dimensions

Connector Height	31.25 mm[1.23 in]
Product Width	25.7 mm[1.012 in]
Product Length	44 mm[1.732 in]
Row-to-Row Spacing	7.6 mm, 8.6 mm, 9 mm[.299 in][.339 in][.354 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	
Degree of Protection	IP67

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UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	380
Packaging Method	Package
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
For compliance documentation, visit the product page on TE.com>	Compliant Compliant
For compliance documentation, visit the product page on TE.com> EU RoHS Directive 2011/65/EU	
For compliance documentation, visit the product page on TE.com> EU RoHS Directive 2011/65/EU EU ELV Directive 2000/53/EC	Compliant

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

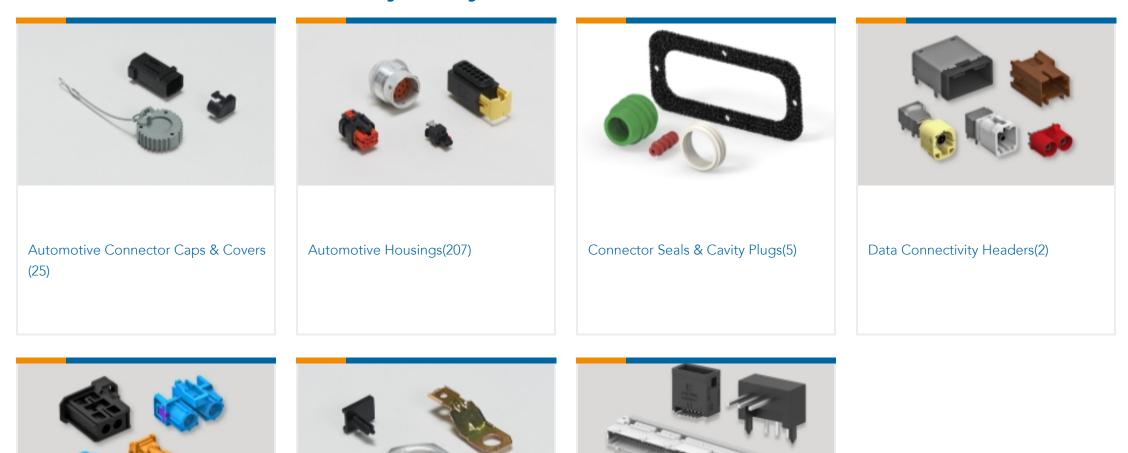
Compatible Parts

Housing for Female Terminals, Wire-to-Wire, 6 Position, .236 in [6 mm] Centerline, Sealable, Black, Signal, Heavy Duty Sealed Connector Series





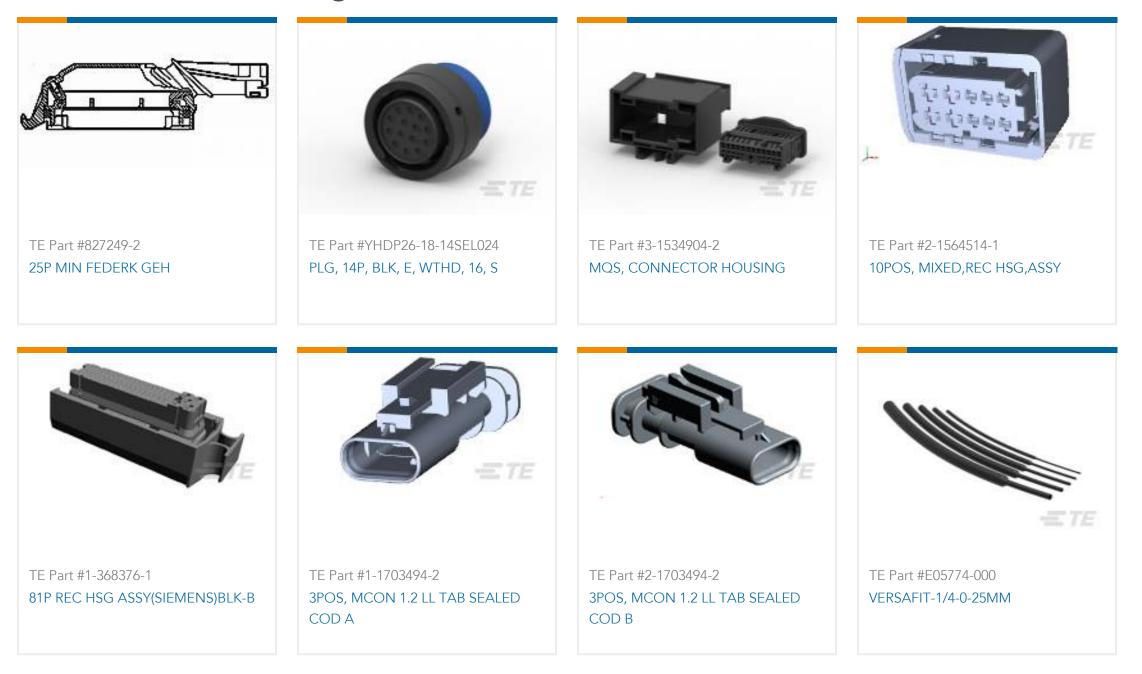
Also in the Series | Heavy Duty Sealed Connector Series



Data Connectivity Housings(18)

Other Automotive Connector Accessories(34) PCB Headers & Receptacles(1)

Customers Also Bought



Housing for Female Terminals, Wire-to-Wire, 6 Position, .236 in [6 mm] Centerline, Sealable, Black, Signal, Heavy Duty Sealed Connector Series



TE Part #3-1904131-0 V23134B4052X546-EV-CBOX

Documents

Product Drawings 6POS,AMP MCP2.8,REC HSG,ASSY,SEALED

English

CAD Files

Customer View Model ENG_CVM_CVM_1-1418437-1_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1418437-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1418437-1_J.3d_stp.zip

English

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Datasheets & Catalog Pages

HDSCS Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications Application Specification

English