2-1418390-1 <

AMP | Heavy Duty Sealed Connector Series

TE Internal #: 2-1418390-1 Housing for Female Terminals, Wire-to-Wire, 4 Position, .236 in [6 mm] Centerline, Sealable, Gray, Signal, Heavy Duty Sealed Connector Series

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



Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: 2.8 mm [.11 in]

Connector System: Wire-to-Wire

Number of Positions: 4

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

All Heavy Duty Sealed Connector Series Housings (204)



Features

Product Type Features

Connector Shape	Rectangular		
Connector & Housing Type	Housing for Female Terminals		
Connector System	Wire-to-Wire		
Sealable	Yes		
Hybrid Connector	No		
Primary Locking Feature	On the Terminal		
Configuration Features			
Number of Positions	4		
Number of Rows	2		
Electrical Characteristics			
Operating Voltage	60 VDC		
Nominal Voltage Architecture	12 V, 24 V, 42 V, 60 V		

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Body Features

Primary Product Color	Gray	
Connector & Keying Code	В	
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	43 mm[1.693 in]		
Row-to-Row Spacing	2.54 mm[.1 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		
UL Flammability Rating	UL 94V-0		

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Packaging Features

Packaging Quantity	400
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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Calalan Dua ana Canada ilitu	

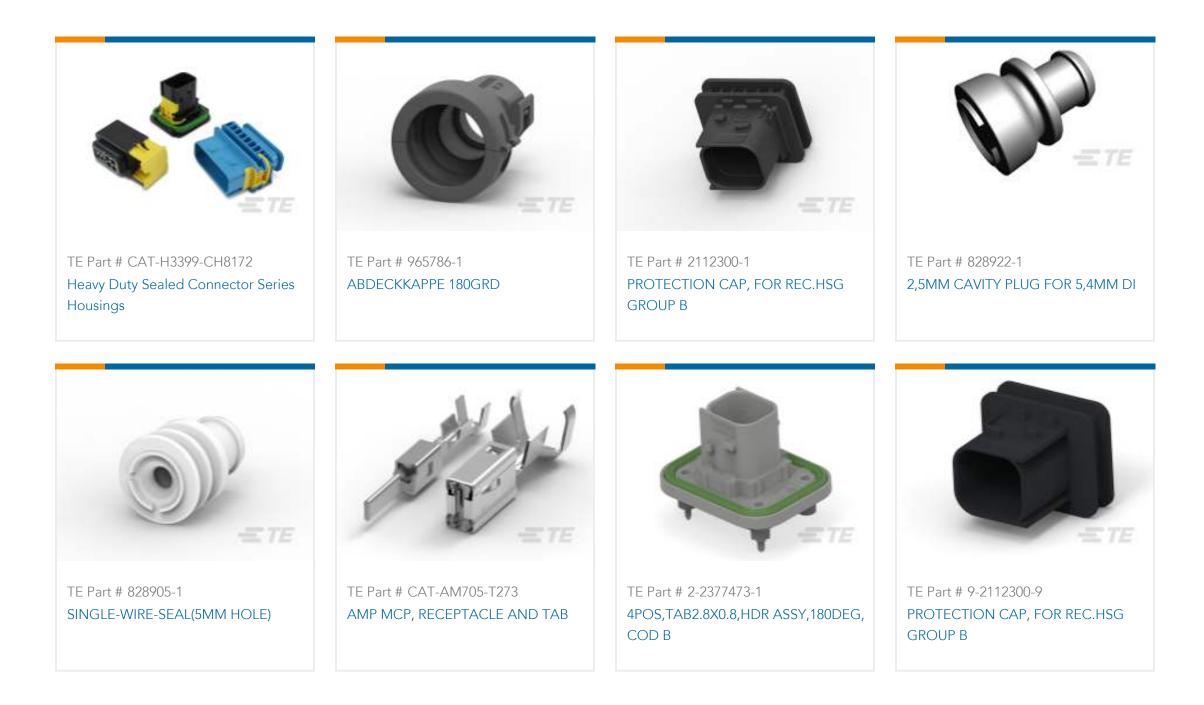
Product Compliance Disclaimer

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, 4 Position, .236 in [6 mm] Centerline, Sealable, Gray, Signal, Heavy Duty Sealed Connector Series





Also in the Series | Heavy Duty Sealed Connector Series





Automotive Housings(207)

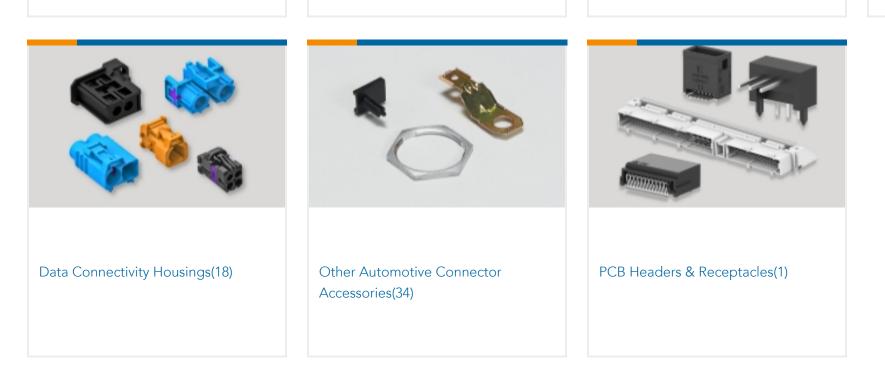




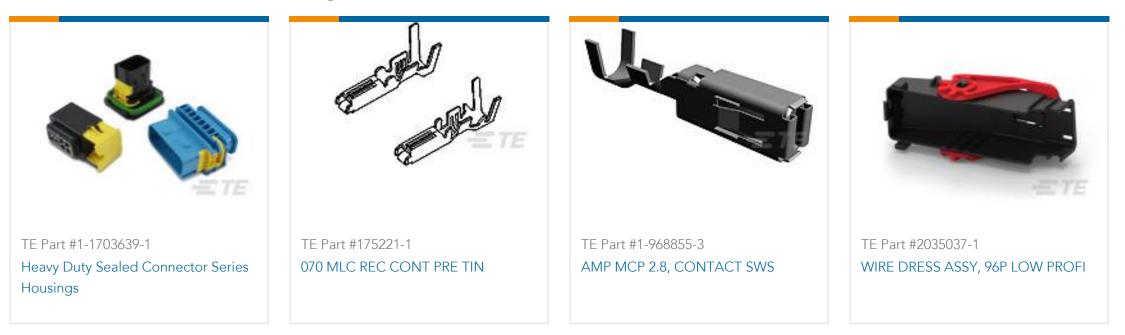
Data Connectivity Headers(2)

Automotive	Connector	Caps a	COVCIS	
(25)				

Connector Seals & Cavity Plugs(5)



Customers Also Bought



Housing for Female Terminals, Wire-to-Wire, 4 Position, .236 in [6 mm] Centerline, Sealable, Gray, Signal, Heavy Duty Sealed Connector Series



Documents

Product Drawings 4 POS AMP MCP 2.8 REC HSG

English

CAD Files

Customer View Model ENG_CVM_CVM_2-1418390-1_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1418390-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1418390-1_J.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

HDSCS Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications Application Specification

English