2-1703808-1 ACTIVE

AMP | Heavy Duty Sealed Connector Series

TE Internal #: 2-1703808-1

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

Connector Series

View on TE.com >



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



Connector System: Wire-to-Wire

Number of Positions: 4

Connector & Housing Type: Housing for Male Terminals

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

Sealable: Yes

All Heavy Duty Sealed Connector Series Housings (204)

Features

Product Type Features	
Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
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
Body Features	

180°, 90°

Gray

В

Cable Exit Angle

Primary Product Color

Connector & Keying Code



Contact Features

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

Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Connector Height	39.8 mm[1.567 in]
Product Width	48.1 mm[1.894 in]
Product Length	37.5 mm[1.476 in]
Row-to-Row Spacing	1.5 mm[.059 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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Degree of Protection	IP67
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	320
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.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

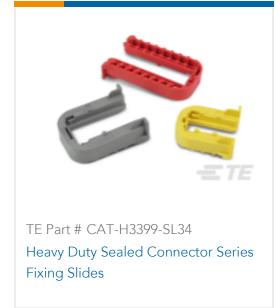
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

















Also in the Series | Heavy Duty Sealed Connector Series



Automotive Connector Caps & Covers (25)



Automotive Housings(207)



Connector Seals & Cavity Plugs(5)



Data Connectivity Headers(2)



Data Connectivity Housings(18)



Other Automotive Connector Accessories(34)

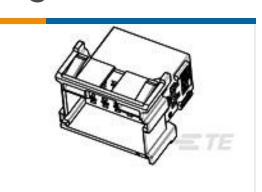


PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #160655-6 FF 110 REC 20-15 AWG TPBR



TE Part #1-967629-3 FLACHSTE-GEH2,8 18P



TE Part #NB10036001 ATUM-24/6-0-45MM



TE Part #4-1393306-6 VF711F11S01/X836

TE Part #1-2177481-1 BULKHEAD,COVER CFU RHD,ASSY

TE Part #2303288-1 60POS,MCON 1.2,REC HSG ASSY,SLD, COD A









Documents

Product Drawings

4POS,TAB 2.8X0.8,TAB HSG,ASSY,CODB

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-1703808-1_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1703808-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1703808-1_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