2-1564542-1 ✔ ACTIVE

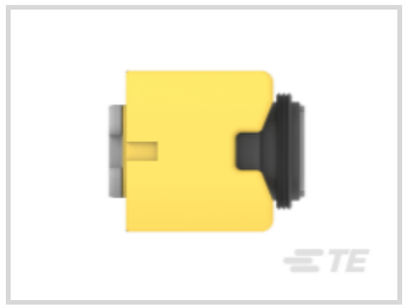
AMP | Heavy Duty Sealed Connector Series

TE Internal #: 2-1564542-1

Housing for Female Terminals, Wire-to-Wire, 2 Position, 9 mm [.354 in] Centerline, Sealable, Black, Wire & Cable, 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: **2**

Connector & Housing Type: **Housing for Female Terminals**

Centerline (Pitch): **9 mm [.354 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 Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	60 VDC

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	B

Contact Features

Contact Size	4.8K, 6.3mm
Contact Type	Receptacle
Mating Tab Width	5.8 mm[.228 in]
Contact Current Rating (Max)	40 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	9 mm[.354 in]

Dimensions

Connector Height	31.25 mm[1.23 in]
Product Width	25.7 mm[1.012 in]
Product Length	44 mm[1.732 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	380

Packaging Method	Box

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 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

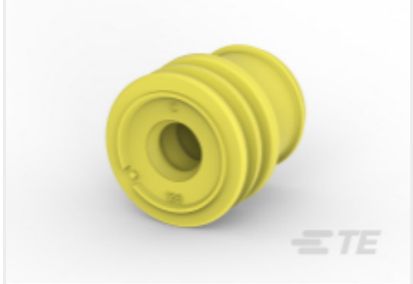
Product Compliance Disclaimer

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



TE Part # CAT-H3399-B128
Heavy Duty Sealed Connector Series Backshells



TE Part # 963245-1
EINZELLEIT-DICHTUNG



TE Part # CAT-H3399-CH8172
Heavy Duty Sealed Connector Series Housings



TE Part # CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB

Also in the Series | Heavy Duty Sealed Connector Series



Automotive Connector Caps & Covers (25)



Automotive Housings(207)



Connector Seals & Cavity Plugs(5)



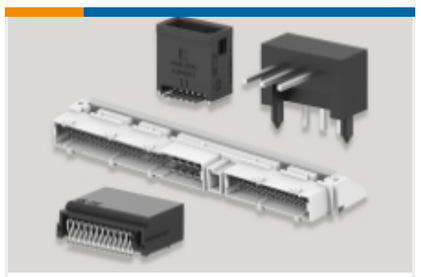
Data Connectivity Headers(2)



Data Connectivity Housings(16)



Other Automotive Connector Accessories(34)



PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #1-1564542-1
Heavy Duty Sealed Connector Series Housings



TE Part #322334
TERMINAL,SOLIS R HT 16-14 8



TE Part #1379662-1
12W PLUG HSG ASSY BLACK



TE Part #2371883-1
14POS,AMPSEAL,SOC HSG ASSY,SLD, COD 1



TE Part #2389806-1
STRAIN RELIEF,23 POSITION AMPSEAL



TE Part #770520-8
AMPSEAL,TERMINAL,GOLD PLATE, 20-22AWG WIR



TE Part #111451-1
LATCH,UNIV I/O



TE Part #ASA035N00410235000
623 PLUG

Documents

Product Drawings

2POS,AMP MCP6.3/4.8K,REC HSG,A

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-1564542-1_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1564542-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1564542-1_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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

CRGCQ2010J3K3 1-962915-1 1393431-1 2-292161-3 3430B2F51RTDF 650075-000 CPF0402B37K4E1 SBCHE64R7K 175977-2 1903112-2 2834055-1 936348-1 TE50BR39J U5254-000005-030PA 2377783-2 RH73H2A40MKTN 1969656-1 SBCHE154R7K SMW73R0JT 1-794222-0 1743455-2 2380312-2 141991-2 2005330-1 2310537-1 3-1393225-0 3631B101LL MPT100C18RF ROX05SJ18R 917696-1