1-1418437-1 ✔ ACTIVE

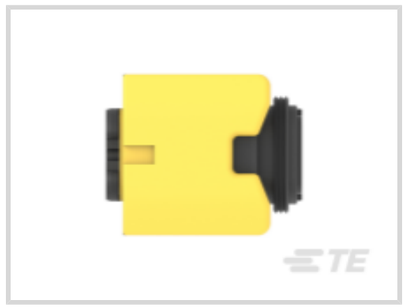
AMP | Heavy Duty Sealed Connector Series

TE Internal #: 1-1418437-1

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

View on TE.com >

Connectors > Automotive Connectors > Connector 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: **6**

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

All Heavy Duty Sealed Connector Series Housings (186)

Features

Product Type Features

Connector & Housing 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	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	60 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 60 V

Body Features

Cable Exit Angle	Other
Body Material	PBT GF
Primary Product Color	Black
Connector Code	01

Contact Features

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

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	No
Mating Alignment Type	Keyed
Mating Alignment	With

Housing Features

Centerline (Pitch)	6 mm[.236 in]

Dimensions

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

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
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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)

TE Part # 2112301-1
PROTECTION CAP, FOR REC.HSG GROUP C

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

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

Also in the Series | Heavy Duty Sealed Connector Series

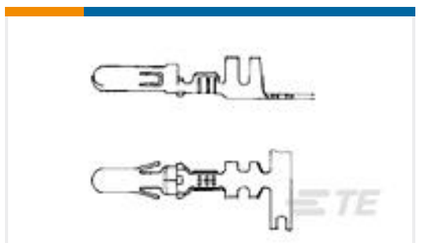
Automotive Connector Caps & Covers (23)

Automotive Housings(193)

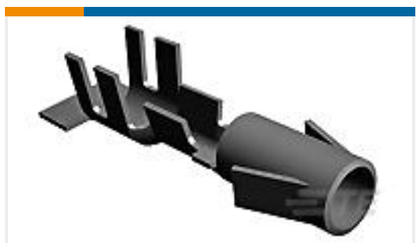
Automotive Seals & Cavity Plugs(5)

Other Automotive Connector Accessories(22)

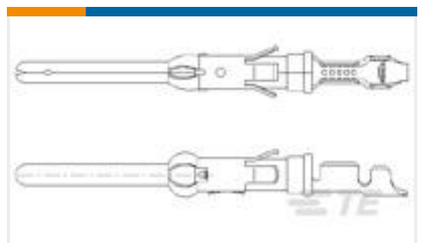
Customers Also Bought



TE Part #926988-1
MNL STIFT 3,5 MM



TE Part #927860-2
KONTAKTBUCHSE 3,5MM



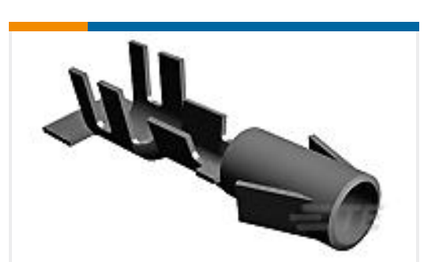
TE Part #163766-1
062 PIN ASS. TYP3+

TE Part #827249-2
TIMER, CONNECTOR HOUSING

TE Part #2-1418437-1
6POS,AMP MCP2.8,REC HSG,ASSY, SEALED

TE Part #1480968-1
ASSY 4 POSN. 2,8MM REC.

TE Part #160526-4
FF 250 REC 0.5-1.5MM2 TPPB



TE Part #926986-1
MNL BUCHSE 3,5 MM

TE Part #HDP24-24-14SN-L017
REC, 14P, BLK, N, RNG, 4/12/16, S

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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English