2371882-1 ✔ ACTIVE

AMP | AMPSEAL

TE Internal #: 2371882-1

Housing for Female Terminals, Wire-to-Board, 8 Position, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Power, AMPSEAL

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > AMPSEAL Receptacle Housings







Connector System: **Wire-to-Board**

Number of Positions: **8**

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

Centerline (Pitch): **4 mm [.157 in]**

Sealable: **Yes**

All AMPSEAL Receptacle Housings (31)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	8
Number of Rows	3

Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	250 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	1

Contact Features

Contact Size	AMPSEAL 1.3mm
Contact Type	Socket
Mating Pin Diameter	1.3 mm[.051 in]
Contact Current Rating (Max)	17 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	4 mm[.157 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

Degree of Protection	IP67
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	280
Packaging Method	Box & Tray

Other

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) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) **Article Safe Usage Statements:** Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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-J04-APHH
AMPSEAL PCB Right-Angle Headers



TE Part # CAT-AM78-H342
AMPSEAL PCB Vertical Headers



TE Part # 2138529-1
STRAIN RELIEF,8 POSITION AMPSEAL

TE Part # 770678-1
SEAL PLUG, AMPSEAL

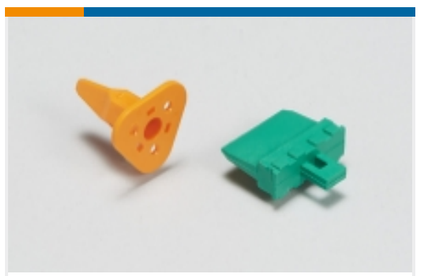


TE Part # CAT-AM78-T273
AMPSEAL Crimp Contacts: 1.3 mm



TE Part # 2373965-1
CPA,AMPSEAL

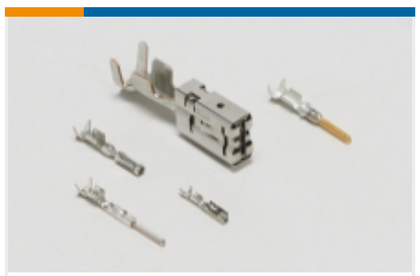
Also in the Series | AMPSEAL



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(31)



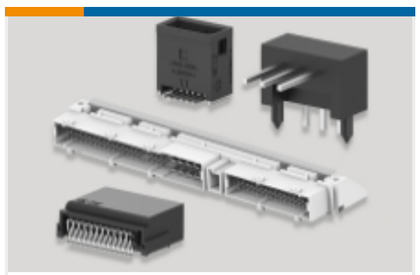
Automotive Terminals(8)



Connector Backshells(4)



Connector Seals & Cavity Plugs(2)



PCB Headers & Receptacles(120)

Customers Also Bought



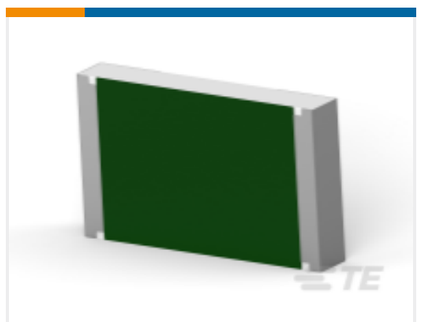
TE Part #HD10-9-1939P-P080
REC, 9P, GRN, N, FLANGE, J1939, TYPE 2



TE Part #1011-227-0205
DEUTSCH DT Backshells



TE Part #1028-013-0805
Backshells, DEUTSCH DTM



TE Part #2176400-4
3540 1R3 1%



TE Part #2371885-1
35POS,AMPSEAL,SOC HSG ASSY,SLD, COD 1

TE Part #284546-2
MONO-SHAPE CONN 3 POS PCB

Documents

Product Drawings

8POS,AMPSEAL,SOC HSG ASSY,SLD,COD 1

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2371882-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2371882-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2371882-1_A.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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