776273-2 ✔ ACTIVE

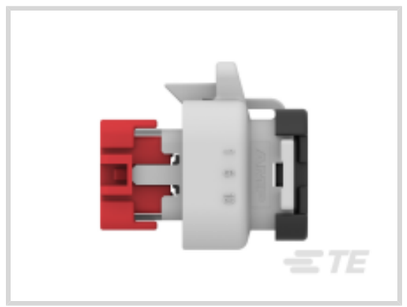
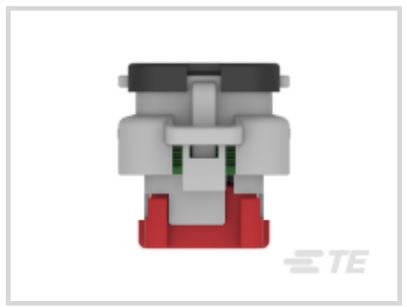
AMP | AMPSEAL

TE Internal #: 776273-2

Housing for Female Terminals, Wire-to-Board, 14 Position, 4 mm [.157 in] Centerline, Sealable, Natural, Wire & Cable, Power, AMPSEAL

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > AMPSEAL Receptacle Housings



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

Number of Positions: **14**

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	14
Number of Rows	3

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Cable Exit Angle	180°
Primary Product Color	Natural
Connector & Keying Code	2

Contact Features

Contact Size	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	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Connector Height	34.6 mm[1.362 in]
Product Width	33.6 mm[1.323 in]
Product Length	35.4 mm[1.394 in]
Row-to-Row Spacing	4 mm[.157 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power

Industry Standards

Degree of Protection	IP6K7, IP6K9K
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	56
Packaging Method	Tray

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

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-AM78-H342
AMPSEAL PCB Vertical Headers



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



TE Part # CAT-J04-APHH
AMPSEAL PCB Right-Angle Headers

TE Part # 770678-1
SEAL PLUG, AMPSEAL

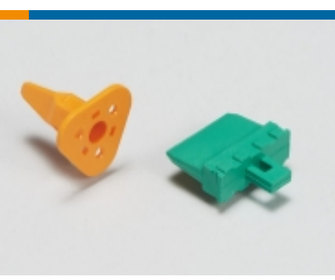


TE Part # 2138530-1
STRAIN RELIEF,14 POSITION AMPSEAL



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)

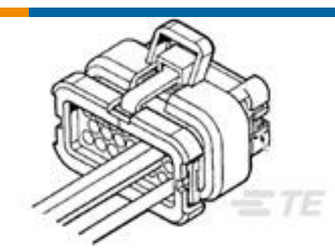


Connector Seals & Cavity Plugs(2)



PCB Headers & Receptacles(120)

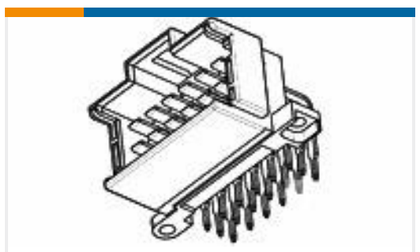
Customers Also Bought



TE Part #776286-2
8POS,AMPSEAL,SOC HSG ASSY,SLD, COD 2



TE Part #DTM04-08PA-E005
REC, 8P, BLK, N, CAP, A



TE Part #966140-5
MESSERLEISTE 6P



TE Part #1-968720-1
32pos MQS .63 header 90deg



TE Part #216842-2
250 FASTON,TAB,PCB,TPPB



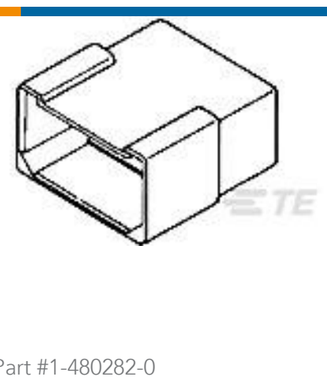
TE Part #1-776262-4
14POS,PIN DIA 1.3,HDR ASSY, 180DEG,COD 4



TE Part #770520-6
AMPSEAL,TERMINAL,TIN PLATE,22-24AWG WIRE



TE Part #776267-2
14POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 2



TE Part #1-480282-0
FF 250 TAB HSG 6P NYLON BLACK

Documents

Product Drawings

14POS,AMPSEAL,SOC HSG ASSY,SLD,COD 2

English

CAD Files

Customer View Model

ENG_CVM_CVM_776273-2_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_776273-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776273-2_E.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMPSEAL Connector Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English

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Global Electronic Components Distributor

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

TE Connectivity:

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