2320913-1 ✔ ACTIVE

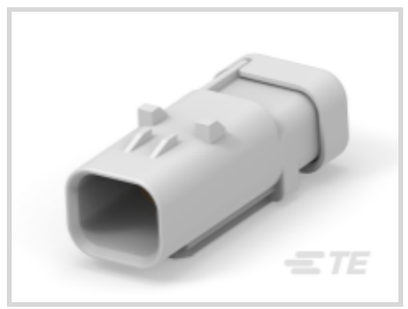
AMPSEAL 16

TE Internal #: 2320913-1

Housing for Male Terminals, Wire-to-Wire, 2 Position, 4.5 mm [.177 in] Centerline, Sealable, Gray, Wire & Cable, AMPSEAL 16

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings







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

Number of Positions: **2**

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

Centerline (Pitch): **4.5 mm [.177 in]**

Sealable: **Yes**

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
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Blank Cavity Position	0
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Cable Exit Angle	180°
Primary Product Color	Gray
Connector & Keying Code	A

Contact Features

Contact Size	1.6mm
Contact Type	Pin
Mating Pin Diameter	1.6 mm[.062 in]

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

Housing Material	PBT GF
Centerline (Pitch)	4.5 mm[.177 in]

Dimensions

Connector Height	18.93 mm[.745 in]
Product Width	19.6 mm[.772 in]
Product Length	47.55 mm[1.87 in]
Row-to-Row Spacing	0 mm[0 in]

Usage Conditions

Operating Temperature (Max)	150 °C[302 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Industry Standards

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

Packaging Features

Packaging Method	Bag

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) 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 reviewed 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 # 776363-1
SEALING PLUG, SZ 16 CAVITY



TE Part # CAT-AM7801-B128
AMPSEAL 16 Connectors Backshell



TE Part # CAT-AM7801-T273
AMPSEAL 16 CONTACTS

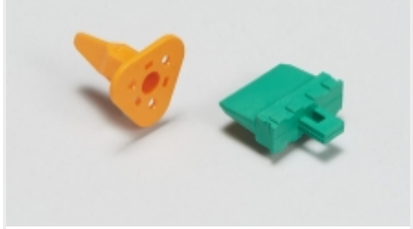


TE Part # 2320920-1
AS16,PLUG ASSY,HT,02P,N SEAL, CODE A

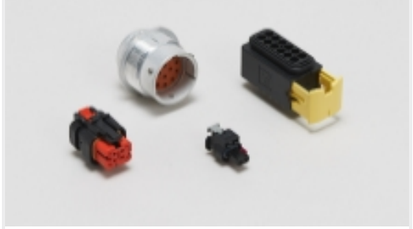
Also in the Series | AMPSEAL 16



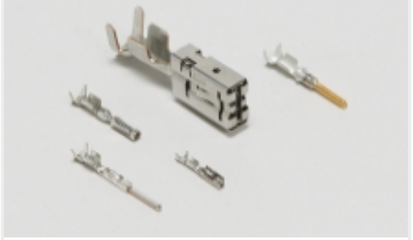
Automotive Connector Caps & Covers (3)



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(244)



Automotive Terminals(35)



Connector Backshells(84)



Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(11)

Customers Also Bought



TE Part #DTP04-4P-E003
REC, 4P, GRY, N, CAP



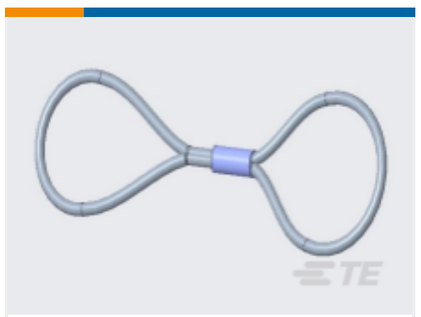
TE Part #W2SC-P012
WEDGE LOCK, 2P, PLG, GRN, SL RET, DT, C



TE Part #DT04-08PA-E005
REC, 8P, BLK, N, CAP, A



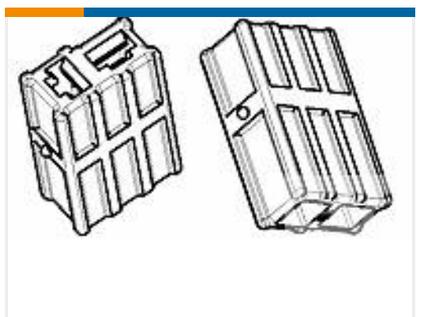
TE Part #DT06-12SA-CE11
PLG, 12P, BLK, E, SEAL RET,ENH KEY, CAP,A



TE Part #JDL082397
RUBBER LANYARD



TE Part #794188-1
04P MINI UMNL2 PLUG HSG UL94V0



TE Part #626064
2 WAY FASTIN-ON 110 HOUSING REC PA66 NAT



TE Part #794219-1
MINI UMNL2 SOK 26-22 AWG SN



TE Part #CV21104001
RW-175-E-1/4-X-SP



TE Part #DT16-18SB-K004
PLG, 18P, BLK, E, B

Documents

Product Drawings

AS16,CAP ASSY,HT,02P,N SEAL,CODE A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2320913-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2320913-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2320913-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

Product Specifications

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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