2272889-2 ✔ ACTIVE

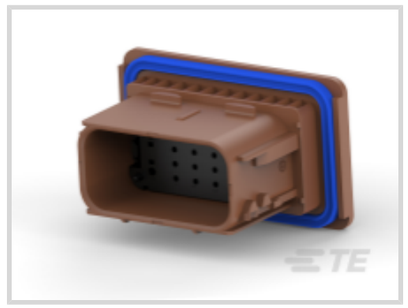
DEUTSCH | AMPSEAL 16

TE Internal #: 2272889-2

Housing for Male Terminals, Wire-to-Wire, 16 Position, 7.5 mm [.295 in] Centerline, Sealable, Brown, Wire & Cable, Power, Panel Mount, AMPSEAL 16

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > AMPSEAL 16 Hybrid Lever Housings







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

Number of Positions: **16**

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

Centerline (Pitch): **7.5 mm [.295 in]**

Sealable: **Yes**

All AMPSEAL 16 Hybrid Lever Housings (10)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
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	16
Number of Rows	2, 4

Electrical Characteristics

Operating Voltage	550 VDC

Body Features

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

Contact Features

Contact Size	Size 12, Size 16
Contact Type	Pin
Mating Pin Diameter	1.5 mm[.062 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	7.5 mm[.295 in]

Dimensions

Connector Height	55.4 mm[2.18 in]
Product Width	49 mm[1.92 in]
Product Length	82.5 mm[3.24 in]
Row-to-Row Spacing	4.7 mm[.185 in]
Compatible Insulation Diameter Range	1.4 – 4.1 mm[.055 – .161 in]
Wire Size	.5 – 5 mm²

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 94HB

Packaging Features

Packaging Quantity	20
Packaging Method	Tray

Other

Serviceable	No
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: JAN 2023 (233) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component part) Decamethylcyclopentasiloxane (D5) (.5% in Component part) Dodecamethylcyclohexasiloxane (D6) (.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 Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

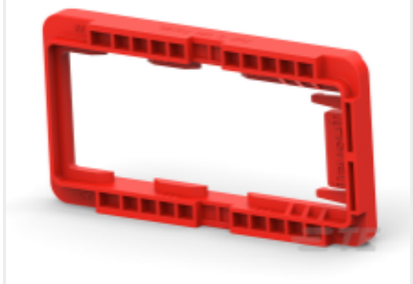
Product Compliance Disclaimer

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 # 2203859-2
16POS,HYBRID,SOC HSG ASSY,SLD, COD B



TE Part # 2203876-1
MOUNTING CLIP, ML CONN, 5MM PANEL



TE Part # 2203876-2
MOUNTING CLIP, ML CONN, 4MM PANEL



TE Part # 2203876-3
MOUNTING CLIP, ML CONN, 3MM PANEL



TE Part # 2203956-1
COVER,AMPSEAL 16 ML CONN, 180 DEG

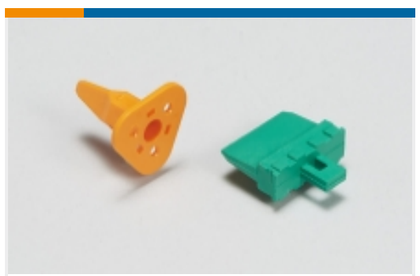


TE Part # 2272307-1
COVER,AMPSEAL 16 ML CONN, 90 DEG

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)



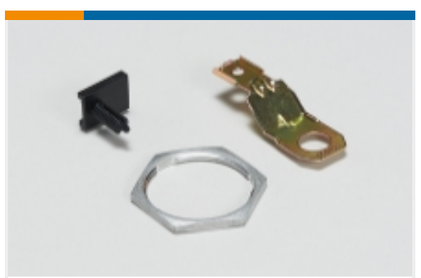
Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(11)

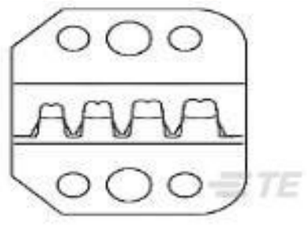
Customers Also Bought



TE Part #58535-1
PRO-CRIMPER ASSY MODU MODII



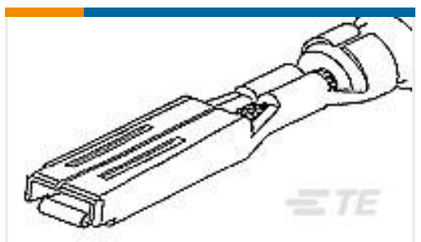
TE Part #1-480704-0
06P UMNL PLUG HSG NATL



TE Part #58583-2
PROCRIMP DIE SUPERSEAL 1.5 SER



TE Part #776349-3
AMPSEAL 16 CONTACTS



TE Part #282110-1
MINI MIC RCPT CONTACT



TE Part #2203859-2
16POS,HYBRID,SOC HSG ASSY,SLD, COD B



TE Part #2203876-3
MOUNTING CLIP, ML CONN, 3MM PANEL

Documents

Product Drawings

16POS,AMPSEAL 16,PIN HSG ASSY,SLD,COD B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2272889-2_2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2272889-2_2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2272889-2_2.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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