

2272889-2 ✓ ACTIVE

DEUTSCH | AMPSEAL 16

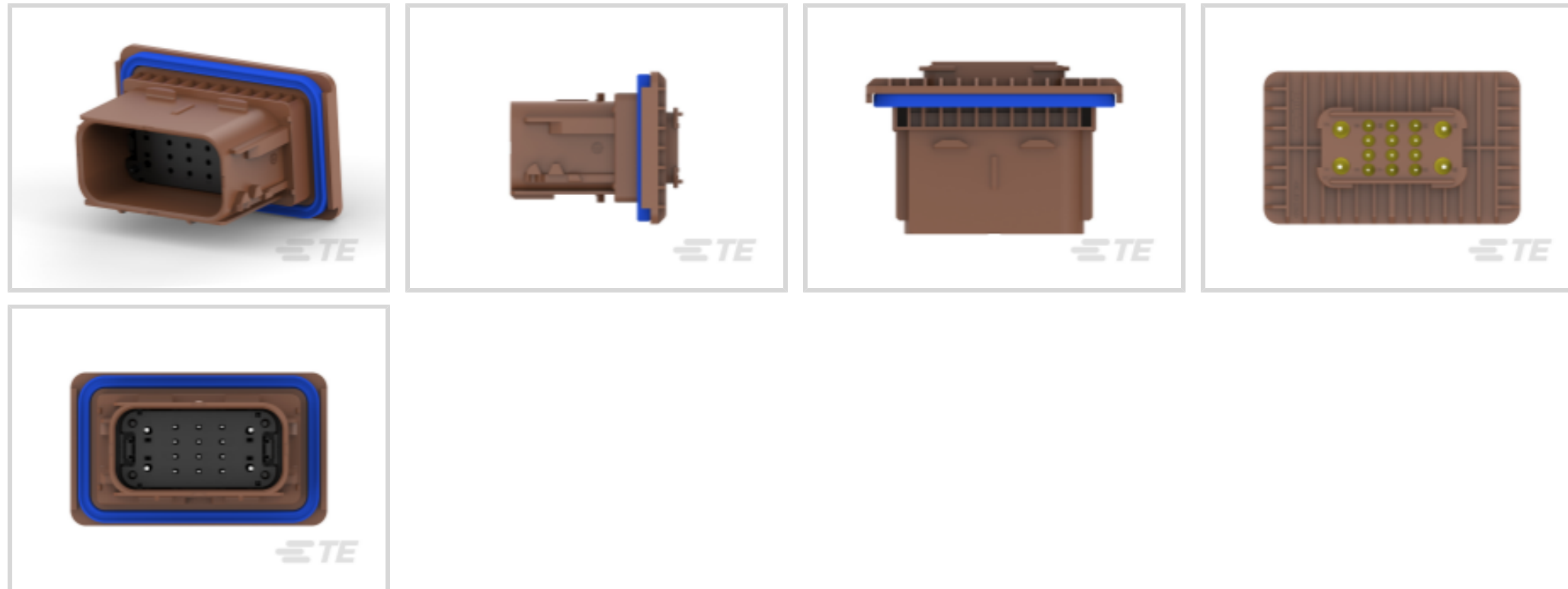
TE Internal #: 2272889-2

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
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Body Features

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

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

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

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

Connector Height	55.4 mm[2.18 in]
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Product Width	49 mm[1.92 in]
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Product Length	82.5 mm[3.24 in]
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Row-to-Row Spacing	4.7 mm[.185 in]
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Compatible Insulation Diameter Range	1.4 – 4.1 mm[.055 – .161 in]
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Wire Size	.5 – 5 mm ²
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Usage Conditions

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

Circuit Application	Power
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Industry Standards

Degree of Protection	IP6K7, IP6K9K
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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) <small>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.</small>
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

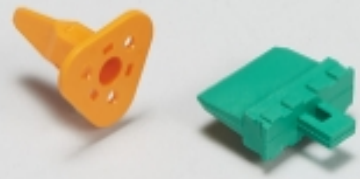


TE Part # 2272307-1
COVER, AMPSEAL 16 ML CONN, 90 DEG


Also in the Series | AMPSEAL 16



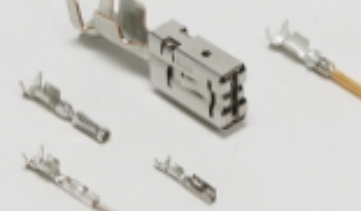
Automotive Connector Caps & Covers (3)




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

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

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