

2272889-2 ✓ ACTIVE



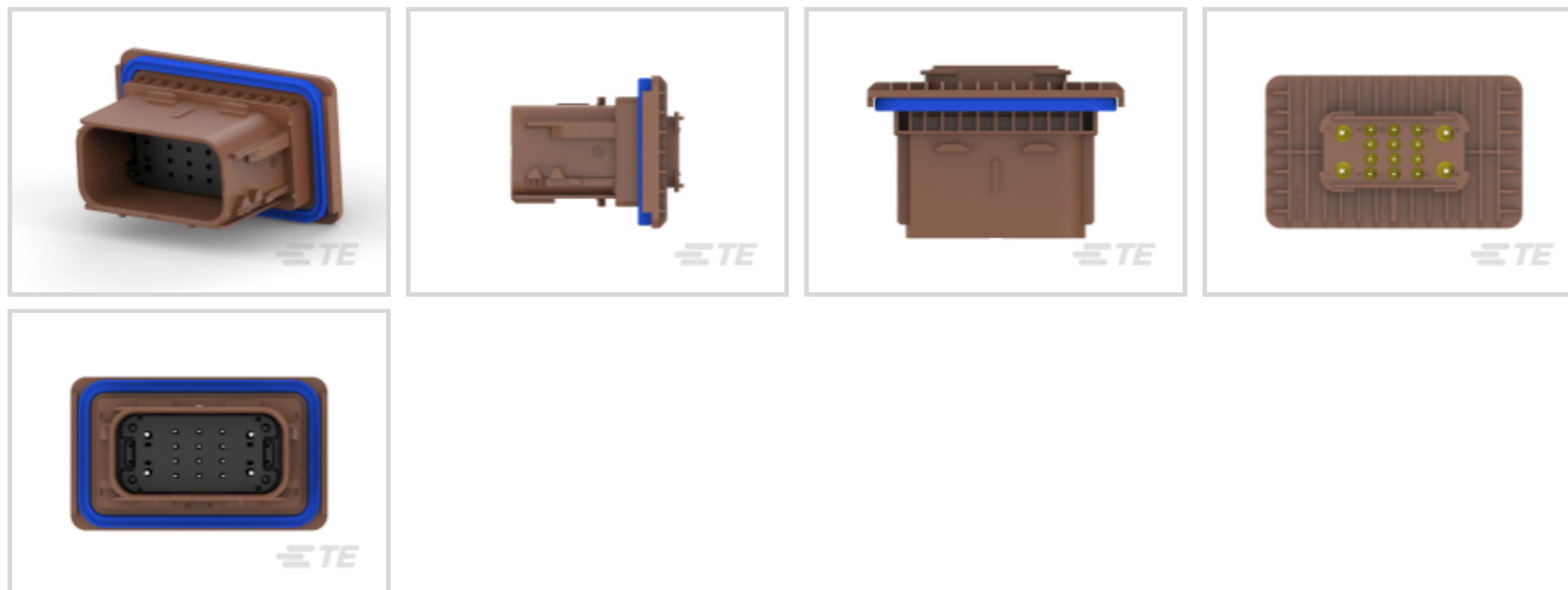
AMP | AMPSEAL 16

TE Internal #: 2272889-2

AMPSEAL 16, Automotive Headers, Wire-to-Wire, 16 Position, 7.5 mm Centerline, Sealable, Horizontal, 3 Row, Brown, Nickel (Ni), Wire & Cable

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Headers



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

Number of Positions: **16**

Centerline (Pitch): **7.5 mm**

Sealable: **Yes**

PCB Mount Orientation: **Horizontal**

Features

Product Type Features

Hybrid Header	Yes
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Sections	1
Number of Signal Positions	12
Number of Positions	16
PCB Mount Orientation	Horizontal
Number of Rows	3

Electrical Characteristics

Nominal Voltage Architecture	24 V
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Body Features

Primary Product Color	Brown
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Connector Code	B
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Contact Features

Mating Pin Diameter	1.59 mm
Contact Mating Area Plating Material	Nickel (Ni)
Contact Current Rating (Max)	13 A

Mechanical Attachment

Locking Interface	With
Panel Mount Feature	Without
Connector Mounting Type	Bulkhead

Housing Features

Centerline (Pitch)	7.5 mm
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Dimensions

Product Width	31.9 mm
Product Length	63.2 mm

Usage Conditions

Operating Temperature (Max)	125 °C
Operating Temperature Range	-40 – 125 °C, -40 – 125 °C

Operation/Application

Shielded	No
Circuit Application	Power & Signal

Industry Standards

Degree of Protection	IP6K9K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Type	Tray
Packaging Quantity	80

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


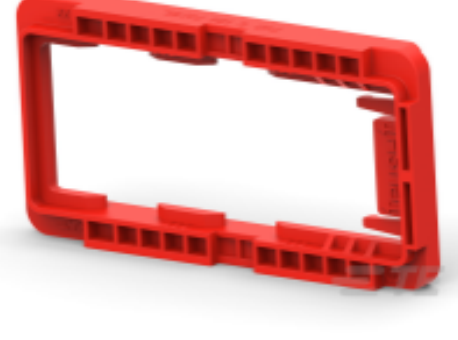







China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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>

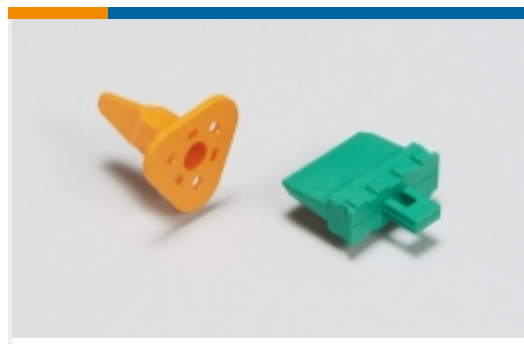
Compatible Parts

 <p>TE Part # 2203859-2 16POS, HYBRID, SOC HSG ASSY, SLD, COD B</p>	 <p>TE Part # 2203876-1 MOUNTING CLIP, ML CONN, 5MM PANEL</p>	 <p>TE Part # 2203876-2 MOUNTING CLIP, ML CONN, 4MM PANEL</p>	 <p>TE Part # 2203876-3 MOUNTING CLIP, ML CONN, 3MM PANEL</p>
 <p>TE Part # 2203956-1 COVER, AMPSEAL 16 ML CONN, 180 DEG</p>	 <p>TE Part # 2203956-2 PIN CONN CVR, 16POS, HYBRID, 180 DEG</p>	 <p>TE Part # 2272307-1 COVER, AMPSEAL 16 ML CONN, 90 DEG</p>	 <p>TE Part # 2272307-2 PIN CONN CVR, 16POS, HYBRID, 90 DEG</p>

Also in the Series | **AMPSEAL 16**



Automotive Connector Caps & Covers (76)



Automotive Connector Locks & Position Assurance(2)



Automotive Headers(3)



Automotive Housings(237)



Automotive Seals & Cavity Plugs(4)



Automotive Terminals(33)



Other Automotive Connector Accessories(11)

Customers Also Bought



TE Part #966029-1
MESSERLEISTE 22P



TE Part #1-825457-6
MOD 2 PINHDR 2X16P.



TE Part #1-928776-3
MOD2 STIFT M A-PIN



TE Part #104809-4
05 MTE HDR SRST LATCH W/HLDWN



TE Part #104809-6
07 MTE HDR SRST LATCH W/HLDWN



TE Part #1725761-1
KIT,SEATING TOOL, 1X4



TE Part #3-1393480-3
V23529B1122C215=SUB D STIFTLEI

Documents

Product Drawings

16POS,HYBRID,HDR ASSY,180DEG,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