

2272889-1 ✓ ACTIVE

AMP | AMPSEAL 16

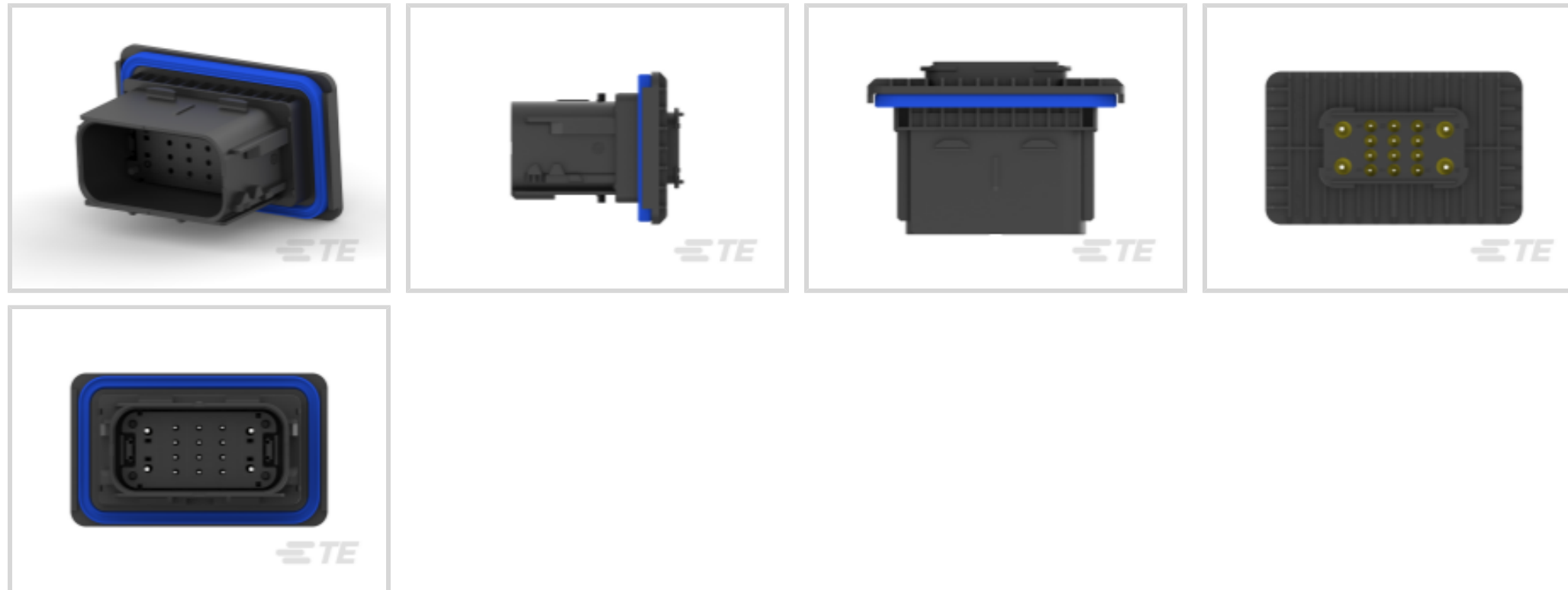
TE Internal #: 2272889-1

AMPSEAL 16, Automotive Headers, Wire-to-Wire, 16 Position, 7.5 mm Centerline, Sealable, Horizontal, 3 Row, Black, 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	Black
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Connector Code	A
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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
Mounting Holes	Without
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
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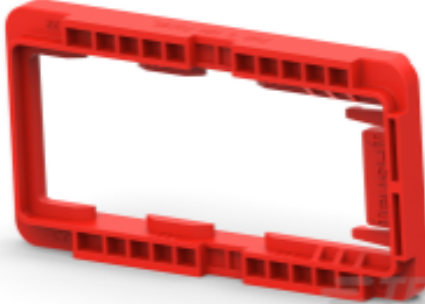






EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 <p>TE Part # 2203859-1 16POS, HYBRID, SOC HSG ASSY, SLD, COD A</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 #1676970-7
RN 0603 59K 0.1% 10PPM CUT LENGTH



TE Part #1879260-2
RP 2B 2K67 0.1% 15PPM 1K RL



TE Part #966029-1
LOW & MEDIUM POWER HEADER



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



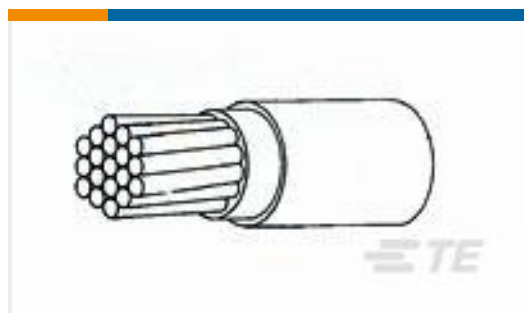
TE Part #104809-6
07 MTE HDR SRST LATCH W/HLDWN



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



TE Part #3-1393480-3
V23529B1122C215-SUB D STIFTLI



TE Part #2825003001
44A0311-24-6

Documents



Product Drawings

[16POS, HYBRID, HDR ASSY, 180DEG, COD A](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2272889-1_2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2272889-1_2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2272889-1_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