

2-1564337-1 ✓ ACTIVE

AMP | HDSCS

TE Internal #: 2-1564337-1

HDSCS, Housing for female terminals, Wire-to-Wire, 16 Position, 6mm / 4mm [.236in / .157in] Centerline, Sealable, Black, Signal

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Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings > HDSCS HOUSINGS



Connector Style: **Housing for female terminals**

Mating Tab Width: **1.6 mm, 2.8 mm [.059 in, .11 in]**

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

Number of Positions: **16**

Centerline (Pitch): **4 mm, 6 mm [.157 in, .236 in]**

[All HDSCS HOUSINGS \(186\)](#)

Features

Product Type Features

Connector Style	Housing for female terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	On the Terminal
Strain Relief	No

Configuration Features

Number of Positions	16
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 42 V, 60 V
Operating Voltage	60 VDC

Body Features



Cable Exit Angle	Other
Body Material	PBT GF
Color	Black

Contact Features

Mating Tab Width	1.6 mm, 2.8 mm [.059 in][.11 in]
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Mechanical Attachment

Terminal Position Assurance	Yes
Mounting Feature	Without
Polarized	Yes

Housing Features

Centerline (Pitch)	4 mm, 6 mm [.157 in][.236 in]
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Dimensions

Height	31.25 mm [1.23 in]
Length	67.2 mm [2.646 in]
Width	25.7 mm [1.012 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
Operating Temperature Range	-40 – 140 °C [-40 – 284 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

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

Packaging Features

Packaging Method	Box
Packaging Quantity	230

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: JAN 2020 (205) Candidate List Declared Against: JUN 2018 (191) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

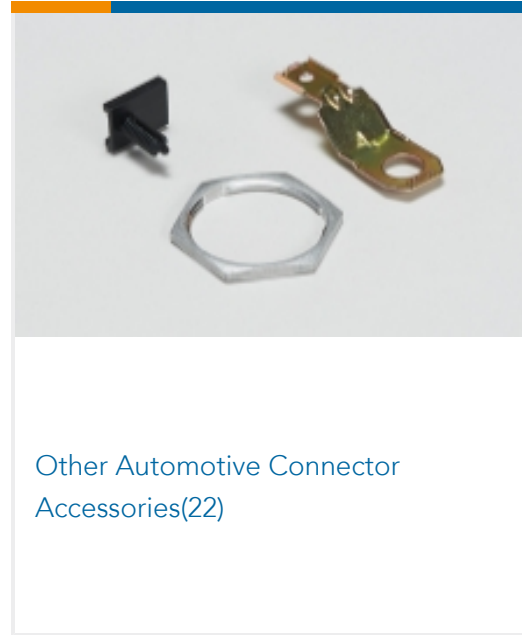
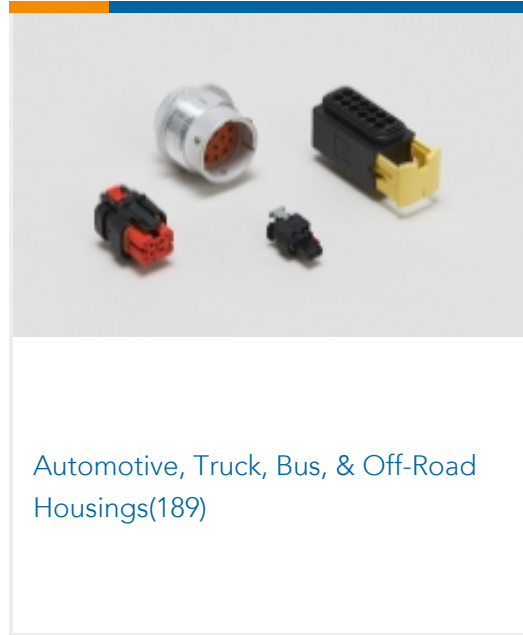
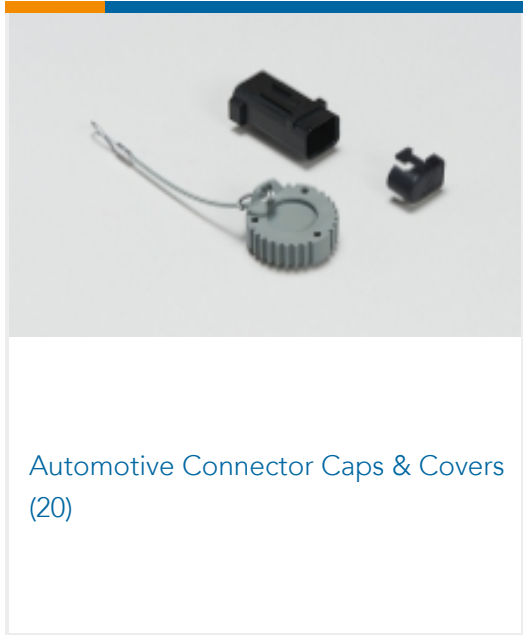
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

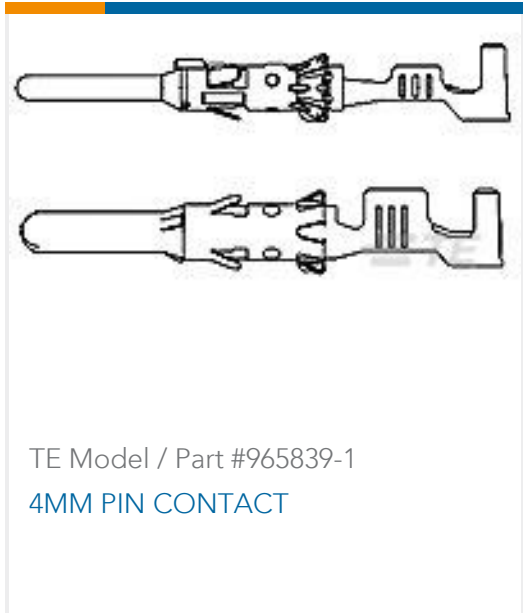
 <p>TE Model / Part # CAT-H3399-CH8172 HDSCS HOUSINGS</p>	 <p>TE Model / Part # CAT-H3399-B128 HDSCS BACKSHELLS</p>	 <p>TE Model / Part # CAT-H3399-C1748 HDSCS PROTECTION CAPS</p>	 <p>TE Model / Part # CAT-AM705-T273 AMP MCP, RECEPTACLE AND TAB</p>
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Also in the Series | HDSCS



Customers Also Bought



Documents

Product Drawings

16POS, MIXED, REC HSG, ASSY

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-1564337-1_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1564337-1_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1564337-1_J.3d_stp.zip](#)



English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[HDSCS Catalog](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English