

3-1418480-1 ✓ ACTIVE

AMP | HDSCS

TE Internal #: 3-1418480-1

HDSCS, Housing for female terminals, Wire-to-Wire, 7 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: 1.5 mm, 2.8 mm [.059 in, .11 in]

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

Number of Positions: 7

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

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

## Features

### Product Type Features

Row-to-Row Spacing	3 mm[.118 in]
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	7
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
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### Contact Features

Mating Tab Width	1.5 mm, 2.8 mm [.059 in] [.11 in]
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### Mechanical Attachment

Terminal Position Assurance	Yes
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Mounting Feature	Without
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Polarized	Yes
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### Housing Features

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

Height	31.25 mm [1.23 in]
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Length	44 mm [1.732 in]
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Width	25.7 mm [1.012 in]
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### Usage Conditions

Operating Temperature Range	-40 – 140 °C [-40 – 284 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

Degree of Protection	IP67
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UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Box
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Packaging Quantity	380
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### Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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### 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
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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 2019 (201) Candidate List Declared Against: JUL 2017 (174) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2017 (174)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 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



TE Model / Part # CAT-H3399-C1748  
HDSCS PROTECTION CAPS



TE Model / Part # CAT-H3399-B128  
HDSCS BACKSHELLS



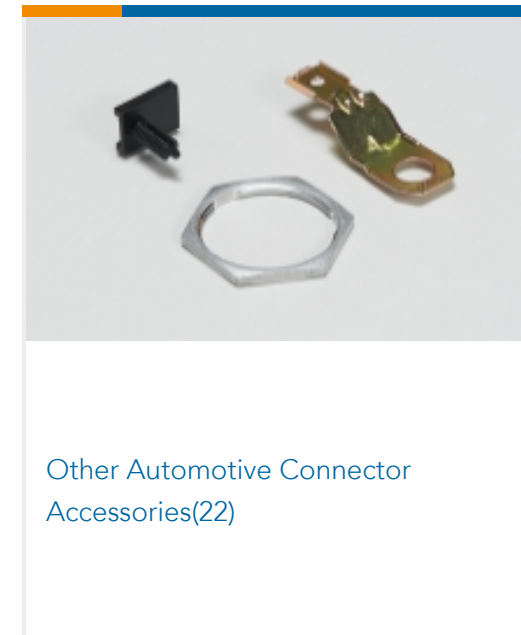
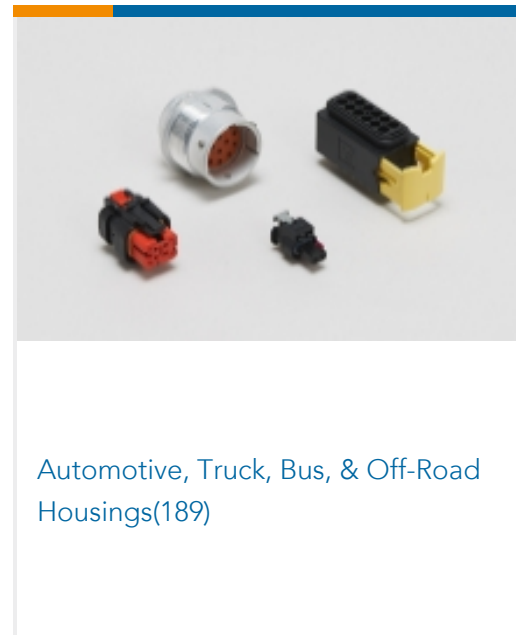
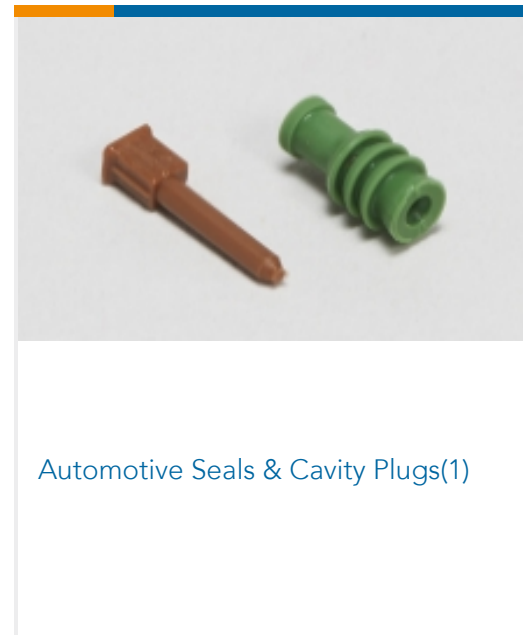
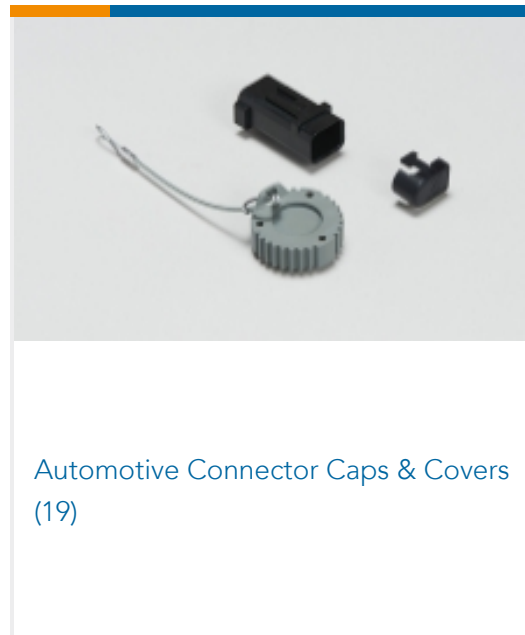
TE Model / Part # CAT-AM705-T273  
AMP MCP, RECEPTACLE AND TAB



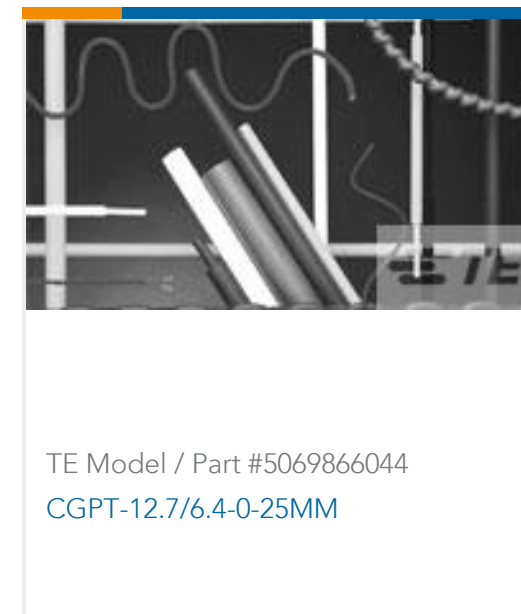
TE Model / Part # CAT-H3399-CH8172  
HDSCS HOUSINGS



Also in the Series | **HDSCS**



Customers Also Bought



Documents

Product Drawings

7 POS MIXED REC HSG CODC

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_3-1418480-1\_J.3d\_stp.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1418480-1\\_J.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

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English

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## Datasheets & Catalog Pages

[HDSCS Catalog](#)

English

[ICT Terminals and Connectors Catalogue](#)

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[CONNECTOR SELECTOR](#)

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## Product Specifications

[Application Specification](#)

English