

1-1418390-1 ✓ ACTIVE

AMP | HDSCS

TE Internal #: 1-1418390-1

HDSCS, Housing for female terminals, Wire-to-Wire, 4 Position, 6mm [.236in] 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: **2.8 mm [.11 in]**

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

Number of Positions: **4**

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

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

## Features

### Product Type Features

Row-to-Row Spacing	7.6 mm, 8.6 mm, 9 mm [.299 in][.339 in][.354 in]
Connector Style	Housing for female terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal
Strain Relief	No

### Configuration Features

Number of Positions	4
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	2.8 mm[.11 in]
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### Mechanical Attachment

Terminal Position Assurance	Yes
Mounting Feature	Without
Polarized	Yes

### Housing Features

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

Height	31.25 mm[1.23 in]
Length	43 mm[1.693 in]
Width	25.7 mm[1.012 in]

### 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
UL Flammability Rating	UL 94V-0

### Packaging Features

Packaging Method	Carton
Packaging Quantity	1

### 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: JUL 2019  
(201)Candidate List Declared Against: JUL 2019  
(201)

Does not contain REACH SVHC

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUL 2019  
(201)Candidate List Declared Against: JUL 2019  
(201)

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 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 # 828905-1  
SINGLE-WIRE-SEAL(5MM HOLE)



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



TE Model / Part # 185793-1  
90 DEG CAP CORRUGTD TUBE

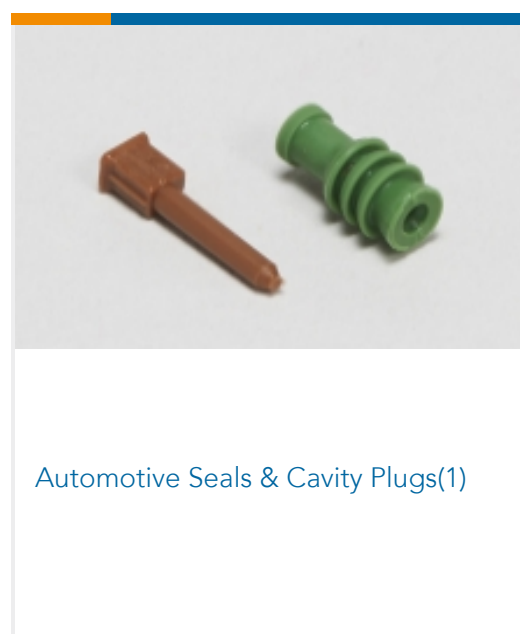


TE Model / Part # 9-2112300-9  
PROTECTION CAP, FOR REC.HSG  
GROUP B

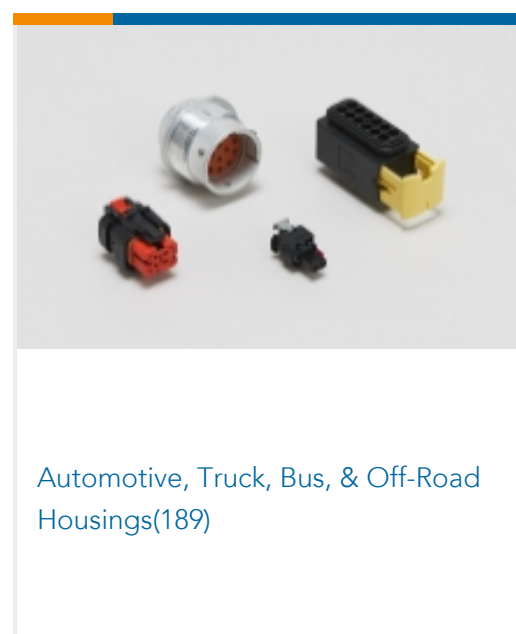
## Also in the Series | HDSCS



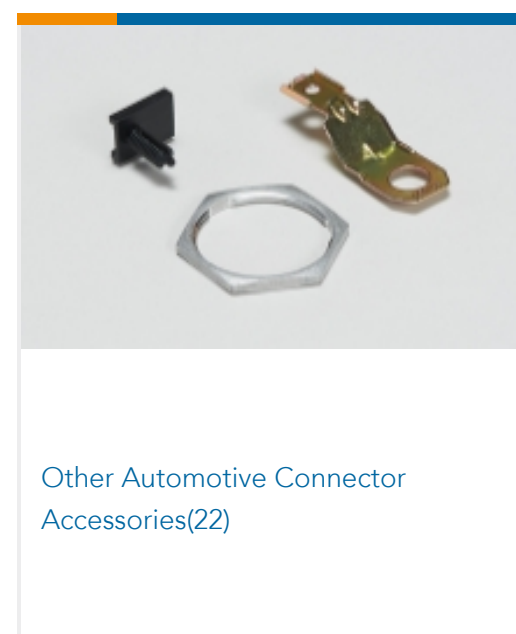
Automotive Connector Caps & Covers  
(19)



Automotive Seals & Cavity Plugs(1)



Automotive, Truck, Bus, & Off-Road  
Housings(189)



Other Automotive Connector  
Accessories(22)

## Customers Also Bought



TE Model / Part #964972-1  
EINZELLEITERDICHTNG

## Documents

### Product Drawings

4 POS AMP MCP 2.8 REC HSG

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1418390-1\\_J.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1418390-1\\_J.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1418390-1\\_J.3d\\_stp.zip](#)



English

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### Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

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[HDSCS Catalog](#)

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[CONNECTOR SELECTOR](#)

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### Product Specifications

[Application Specification](#)

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### Product Environmental Compliance

[TE Material Declaration](#)

English