

1-1564514-1 ✓ ACTIVE

AMP | HDSCS

TE Internal #: 1-1564514-1

HDSCS, Housing for female terminals, Wire-to-Wire, 10 Position, 6mm / 4mm [.157in / .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: 1.5 mm, 2.8 mm [.059 in, .11 in]

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

Number of Positions: 10

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

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

## Features

### Product Type Features

|                         |                              |
|-------------------------|------------------------------|
| Row-to-Row Spacing      | 6.9 mm[.272 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 | 10 |
| 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 | 1.5 mm, 2.8 mm [.059 in] [.11 in] |
|------------------|-----------------------------------|

### Mechanical Attachment

|                             |     |
|-----------------------------|-----|
| Terminal Position Assurance | Yes |
|-----------------------------|-----|

|                  |         |
|------------------|---------|
| Mounting Feature | Without |
|------------------|---------|

|           |     |
|-----------|-----|
| Polarized | Yes |
|-----------|-----|

### Housing Features

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

### Dimensions

|        |                    |
|--------|--------------------|
| Height | 31.25 mm [1.23 in] |
|--------|--------------------|

|        |                   |
|--------|-------------------|
| Length | 54.1 mm [2.13 in] |
|--------|-------------------|

|       |                    |
|-------|--------------------|
| Width | 25.7 mm [1.012 in] |
|-------|--------------------|

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 140 °C [-40 – 284 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Industry Standards

|                      |      |
|----------------------|------|
| Degree of Protection | IP67 |
|----------------------|------|

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

### Packaging Features

|                  |     |
|------------------|-----|
| Packaging Method | Box |
|------------------|-----|

|                    |     |
|--------------------|-----|
| Packaging Quantity | 300 |
|--------------------|-----|

### Other

|             |     |
|-------------|-----|
| Serviceable | Yes |
|-------------|-----|

|                                      |    |
|--------------------------------------|----|
| Connector Position Assurance Capable | No |
|--------------------------------------|----|

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUN 2018  
(191)

Does not contain REACH SVHC

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUL 2019  
(201)Candidate List Declared Against: JUN 2018  
(191)

Halogen Content

Not Low Halogen - contains Br or Cl > 900  
ppm.

Solder Process Capability

Not applicable for solder process capability

## Product Compliance Disclaimer

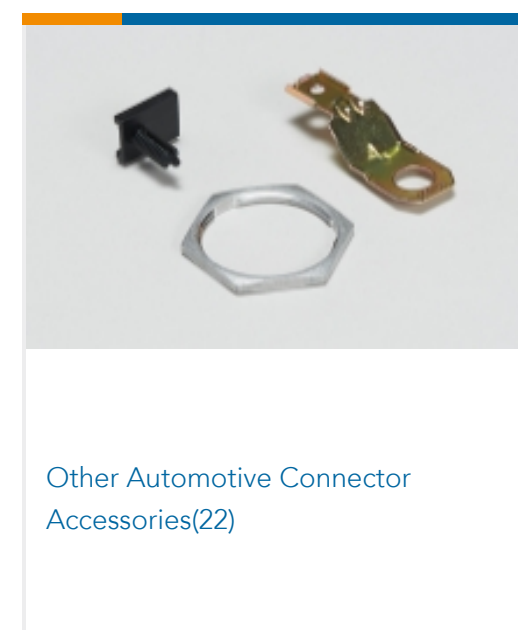
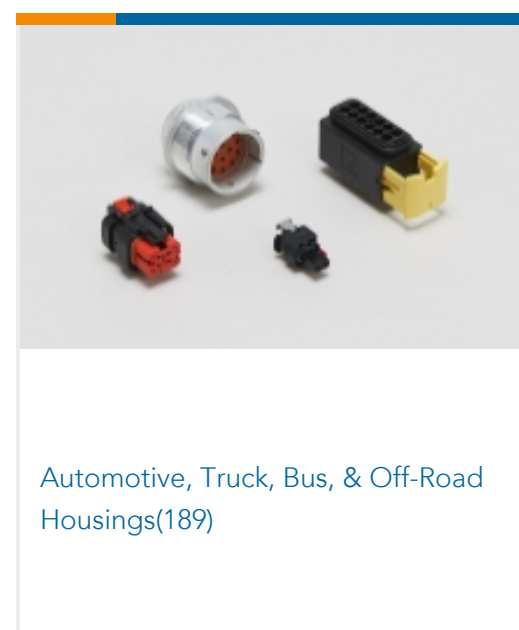
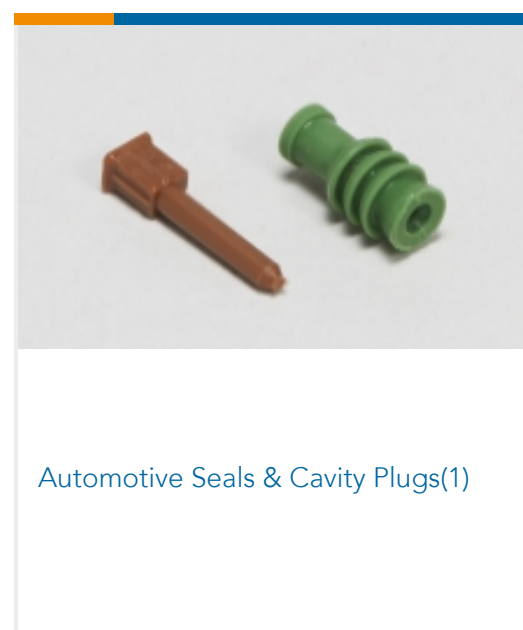
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





## Also in the Series | HDSCS



## Documents

### Product Drawings

10POS, MIXED,REC HSG,ASSY

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1564514-1\\_J.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1564514-1\\_J.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1564514-1\\_J.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[HDSCS Catalog](#)

English

[CONNECTOR SELECTOR](#)



English

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[Product Specifications](#)

[Application Specification](#)

English