



AMP | HDSCS

TE Internal #: 1-1564536-1

HDSCS, Housing for male terminals, Wire-to-Wire, 4 Position, 9mm [.354in] Centerline, Sealable, Black, Signal

[View on TE.com >](#)

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



Connector Style: **Housing for male terminals**

Mating Tab Width: **5.8 mm [ .228 in ]**

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

Number of Positions: **4**

Centerline (Pitch): **9 mm [ .354 in ]**

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

**Features**

**Product Type Features**

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

**Configuration Features**

Number of Positions	4
Number of Rows	1

**Electrical Characteristics**

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

**Body Features**

Cable Exit Angle	180°
------------------	------



Body Material	PBT GF
---------------	--------

Color	Black
-------	-------

### Contact Features

Mating Tab Width	5.8 mm[.228 in]
------------------	-----------------

### Mechanical Attachment

Terminal Position Assurance	No
-----------------------------	----

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

Polarized	Yes
-----------	-----

### Housing Features

Centerline (Pitch)	9 mm[.354 in]
--------------------	---------------

### Dimensions

Height	39.8 mm[1.56 in]
--------	------------------

Length	62.5 mm[2.46 in]
--------	------------------

Width	50.6 mm[1.99 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	150
--------------------	-----

### Other

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 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

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

Solder Process Capability

Not reviewed for solder process capability

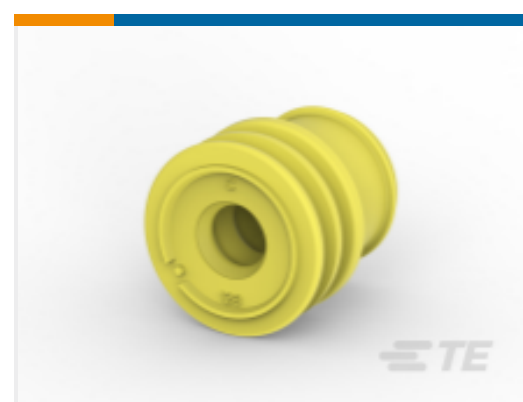
## Product Compliance Disclaimer

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



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



TE Model / Part # 963245-1  
EINZELLEIT-DICHTUNG



TE Model / Part # CAT-  
T4827-T273  
TIMER, RECEPTACLE  
AND TAB



TE Model / Part # CAT-  
H3399-SL34  
HDSCS FIXING SLIDES

Also in the Series | **HDSCS**



Automotive Connector  
Caps & Covers(19)



Automotive Seals & Cavity  
Plugs(1)

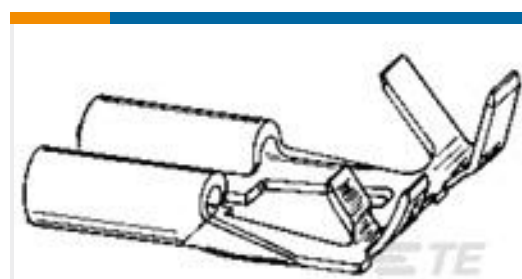


Automotive, Truck, Bus, &  
Off-Road Housings(189)

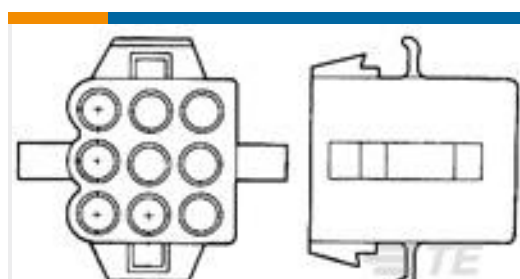


Other Automotive  
Connector Accessories(22)

## Customers Also Bought



TE Model / Part #160862-8  
FF FAH STECKH 8,0



TE Model / Part #1-480672-  
9  
09P .140 MNL PLUG PM  
BLK

## Documents

### Product Drawings

[4POS,TAB5.8X0.8,TABHSG,ASSY,SLD](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1564536-1\\_J.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1564536-1\\_J.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1564536-1\\_J.3d\\_stp.zip](#)

English

### Datasheets & Catalog Pages

[HDSCS Catalog](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

### Product Specifications

[Application Specification](#)

English

1-1564536-1

HDSCS, Housing for male terminals, Wire-to-Wire, 4 Position, 9mm [.354in]  
Centerline, Sealable, Black, Signal

