



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



Connector Style: **Housing for male terminals**

Mating Tab Width: **1.6 mm [.063 in]**

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

Number of Positions: **8**

Centerline (Pitch): **4 mm [.157 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 |
| Strain Relief | Add By Accessory |
| Row-to-Row Spacing | 2.54 mm[.1 in] |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 8 |
| 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 | 180°, 90° |
| Body Material | PBT GF |
| Color | Green |



Contact Features

| | |
|------------------|-----------------|
| Mating Tab Width | 1.6 mm[.063 in] |
|------------------|-----------------|

Mechanical Attachment

| | |
|-----------------------------|---------|
| Terminal Position Assurance | Yes |
| Mounting Feature | Without |
| Polarized | Yes |

Housing Features

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

Dimensions

| | |
|--------|--------------------|
| Height | 27 mm[1.0629 in] |
| Length | 32.6 mm[1.2834 in] |
| Width | 47.1 mm[1.8543 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 | Carton |
| Packaging Quantity | 320 |

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 | Not Yet Reviewed |
| EU ELV Directive 2000/53/EC | Not Yet Reviewed |
| 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 2019 (197) Candidate List Declared Against: JUN 2018 (191) |
| 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









| | | | |
|---------------------------------------|------------------------------------|--|--|
| | | | |
| Automotive Connector Caps & Covers(3) | Automotive Seals & Cavity Plugs(1) | Automotive, Truck, Bus, & Off-Road Housings(1) | Automotive, Truck, Bus, & Off-Road Terminals(11) |

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 Part #2150342-1 OC-AT-E-FM-070F130F-001-0358 | TE Part #2150490-1 OCEAN_2.0_Applicator-E-110F150OV | TE Part #2151938-1 OC-AT-S-FM-090F145O-001-0022 | TE Part #7-2150020-7 OC-130F160F-CRIMPTOOLINGKIT |
|  |  |  |  |
| TE Part #7-2150342-7 OC-070F130F-CRIMPTOOLINGKIT | TE Part #7-2151938-7 OC-090F145O-CRIMPTOOLINGKIT | TE Part #EF8841-000 BND40AC00-2416A | TE Part #6-1623929-9 CFR200 160R 5% |

Documents

Product Drawings

8POS,TAB 1.6X0.6,TAB HSG,ASSY

English

8POS,TAB 1.6X0.6,TAB HSG,ASSY

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-1564512-1_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1564512-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1564512-1_G.3d_stp.zip

English

Datasheets & Catalog Pages

HDSCS Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English



Product Specifications

Application Specification

English