

1-1563759-1 ✓ ACTIVE

AMP | HDSCS

TE Internal #: 1-1563759-1

HDSCS, Housing for Female Terminals, Wire-to-Wire, 18 Position, 4mm [.157in] Centerline, Sealable, Black, Signal

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Connectors > Automotive Connectors > Connector Housings > HDSCS HOUSINGS



Connector & Housing Type: **Housing for Female Terminals**

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

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

Number of Positions: **18**

Centerline (Pitch): **4 mm [.157 in]**

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

Features

Product Type Features

Connector & Housing Type	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	18
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
Primary Product Color	Black



Contact Features

Mating Tab Width	1.6 mm[.063 in]
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Mechanical Attachment

Terminal Position Assurance	Yes
Mounting Feature	Without
Polarized	Yes

Housing Features

Centerline (Pitch)	4 mm[.157 in]
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Dimensions

Height	31.25 mm[1.23 in]
Length	67.2 mm[2.646 in]
Width	25.7 mm[1.012 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

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	Package
Packaging Quantity	230

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
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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: JUN 2020 (209) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



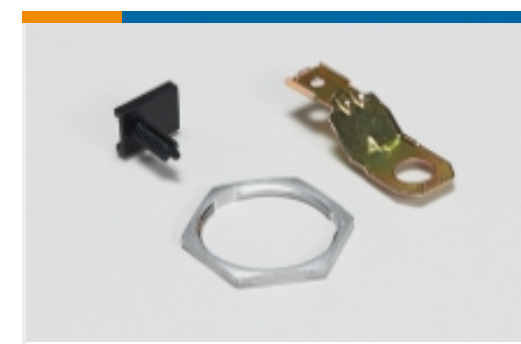
Also in the Series | **HDSCS**

Automotive Connector Caps & Covers
(20)

Automotive Housings(189)



Automotive Seals & Cavity Plugs(1)

Other Automotive Connector
Accessories(22)

Documents

Product Drawings

[18POS,AMP MCP1.5K,REC HSG,ASSY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1563759-1_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1563759-1_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1563759-1_J.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[HDSCS Catalog](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English