AMP | Heavy Duty Sealed Connector Series

TE Internal #: 1-1418479-1

Heavy Duty Sealed Connector Series, Housing for Female Terminals, Wire-to-Wire, 8 Position, 4mm [.157in] Centerline,

Sealable, Black, Signal

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Connectors > Automotive Connectors > Connector Housings > HEAVY DUTY SEALED CONNECTOR HOUSINGS



Connector & Housing Type: Housing for Female 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 HEAVY DUTY SEALED CONNECTOR HOUSINGS (186)

Features

Product Type Features

Product Type reatures	
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal
Configuration Features	
Number of Positions	8
Number of Rows	2
Electrical Characteristics	
Operating Voltage	60 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 60 V
Body Features	

180°

PBT GF

Black

Contact Features

Body Material

Cable Exit Angle

Primary Product Color



Mating Tab Width	1.6 mm[.063 in]
Mechanical Attachment	
Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	No
Mating Alignment Type	Polarized
Housing Features	
Centerline (Pitch)	4 mm[.157 in]
Dimensions	
Product Width	25.7 mm[1.012 in]
Product Length	44 mm[1.732 in]
Product Height	31.25 mm[1.23 in]
Row-to-Row Spacing	7.6 mm, 8.6 mm, 9 mm[.299 in][.339 in][.354 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
Industry Standards	
Degree of Protection	IP67
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	380
Packaging Method	Package
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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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





TE Part # CAT-H3399-C1748
HEAVY DUTY CONNECTORS
PROTECTION CAPS



TE Part # CAT-H3399-B128
HEAVY DUTY SEALED CONNECTOR
BACKSHELLS





TE Part # 1-2378182-1 8POS,TAB1.5X0.64,HDR ASSY, 180DEG,COD A



Also in the Series | Heavy Duty Sealed Connector Series



Automotive Connector Caps & Covers (20)



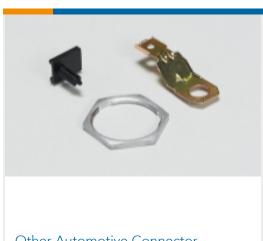
Automotive Housings(189)



Automotive Seals & Cavity Plugs(1)



Insertion & Extraction Tools(1)



Other Automotive Connector Accessories(22)

Customers Also Bought



TE Part #1-1563759-1 HEAVY DUTY SEALED CONNECTOR HOUSINGS



TE Part #1-1418883-1 LEAVYSEAL HOUSINGS



TE Part #1-968855-2 AMP MCP, RECEPTACLE AND TAB





Documents

Product Drawings
8POS,AMP MCP1.5K,REC. HSG,CODA

English

CAD Files

3D PDF

3D



Customer View Model

ENG_CVM_CVM_1-1418479-1_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1418479-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1418479-1_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

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

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Product Compliance

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