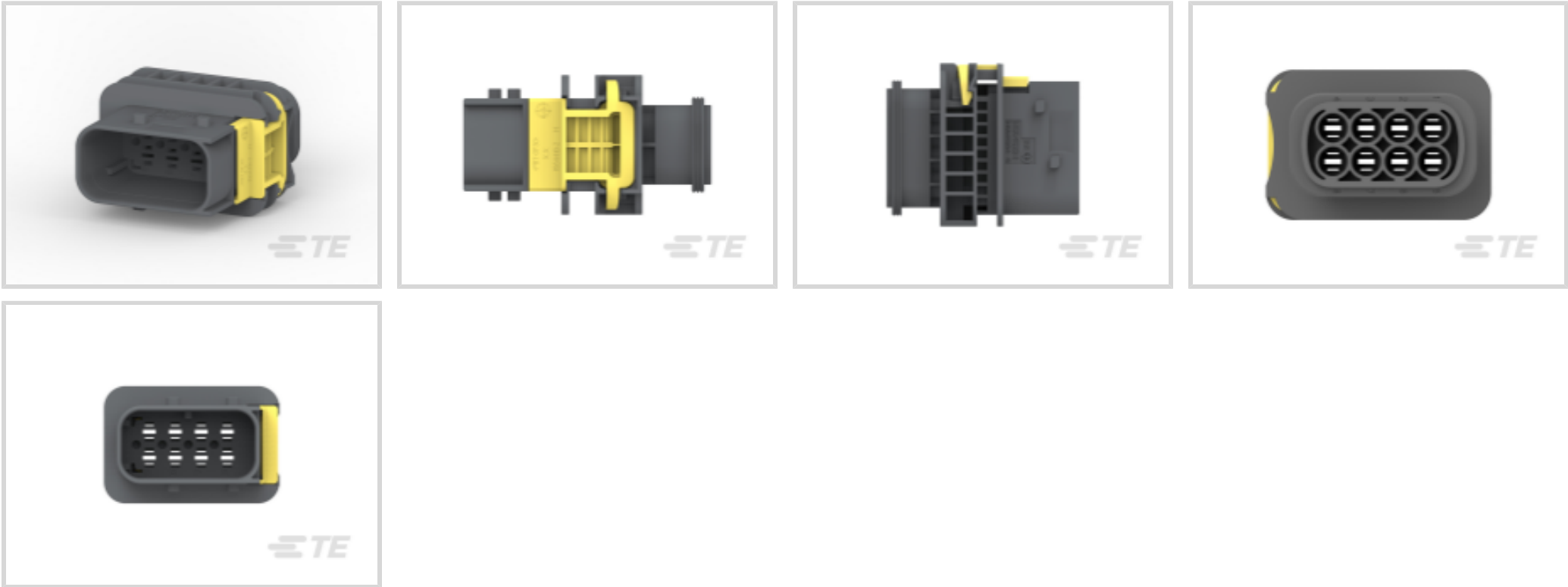




Connectors > Automotive Connectors > Automotive Housings > Heavy Duty Sealed Connector Series Housings



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

Mating Tab Width: **2.8 mm [.11 in]**

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

Number of Positions: **8**

Centerline (Pitch): **6 mm [.236 in]**

[All Heavy Duty Sealed Connector Series Housings \(204\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	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	8
Number of Rows	2

Electrical Characteristics

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



Body Features

Cable Exit Angle	Other
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	2.8mm
Contact Type	Tab
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	40 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	6 mm[.236 in]

Dimensions

Connector Height	48.1 mm[1.894 in]
Product Width	27 mm[1.063 in]
Product Length	40.6 mm[1.598 in]
Row-to-Row Spacing	6.8 mm, 7.25 mm, 7.7 mm, 7.9 mm, 9.5 mm[.268 in][.285 in][.303 in][.311 in][.374 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

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Degree of Protection	IP67
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	144
Packaging Method	Box

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 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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-B128
Heavy Duty Sealed Connector Series Backshells

TE Part # 2112295-1
PROTECTION CAP,GROUP D,ASSY

TE Part # 1-1670894-1
8POS,AMP MCP2.8,REC HSG,ASSY

TE Part # 828922-1
2,5MM CAVITY PLUG FOR 5,4MM DI

TE Part # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)

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

Also in the Series | Heavy Duty Sealed Connector Series

Automotive Connector Caps & Covers (25)

Automotive Housings(207)

Automotive Seals & Cavity Plugs(5)

Data Connectivity Headers(2)

Data Connectivity Housings(18)

Other Automotive Connector Accessories(34)

PCB Headers & Receptacles(1)

Customers Also Bought

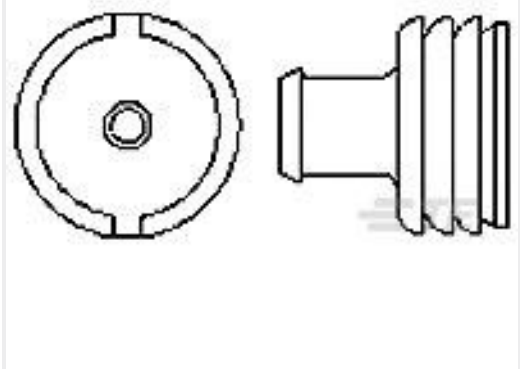
TE Part #1563111-1
COVER,180

TE Part #1703278-2
TAB A 1.6x0.6 CONTACT CF SWS Sn

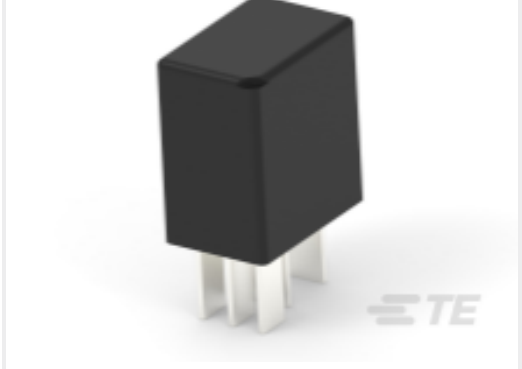
TE Part #1-929504-6
2X 9P JUN-POW-TIMGH

TE Part #9-968974-2
MCP2,8 GEH ASSY 18P





TE Part #967609-1
MPQ EINZELLEITDICHT



TE Part #2359393-1
V23074A2002A402-EV-CBOX

TE Part #1203559-1
DUAL EXTERNAL RELAY BASE MICRO (FR)

TE Part #1203559-2
FUSE BASE MODULE(FR)

TE Part #1897076-2
MTII/SPT HYB SLD 12P CONN

TE Part #2307647-1
TPA REC HSG,8POS,ECONOSEAL

Documents

Product Drawings
8POS,TAB 2.8X0.8,TAB HSG,ASSY
English

CAD Files
Customer View Model
ENG_CVM_CVM_1-1564522-1_G.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-1564522-1_G.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-1564522-1_G.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages
HDSCS Catalog
English
ICT Terminals and Connectors Catalogue
English
CONNECTOR SELECTOR
English

Product Specifications



Application Specification

English