2-1564520-1 ✔ ACTIVE

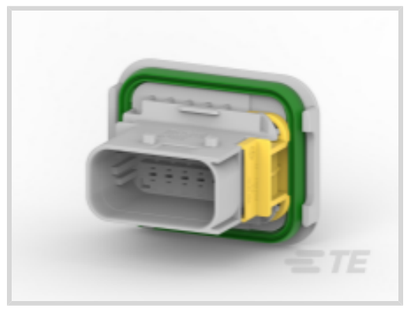
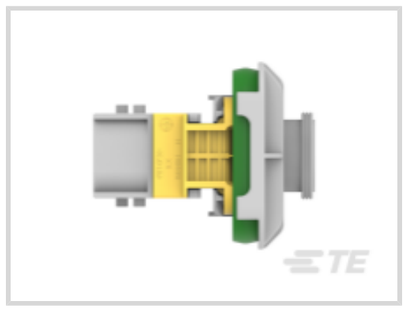
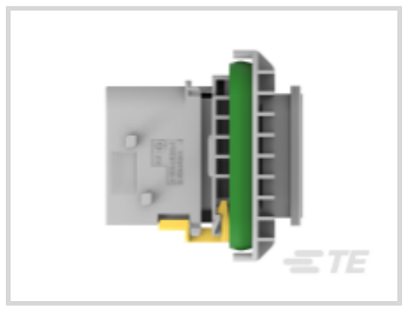
AMP | Heavy Duty Sealed Connector Series

TE Internal #: 2-1564520-1

Heavy Duty Sealed Connector Series, Housing for Male Terminals, Wire-to-Wire, 12 Position, 4mm [.157in] Centerline, Sealable, Gray, Signal

View on TE.com >

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



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

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

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

Number of Positions: **12**

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

All HEAVY DUTY SEALED CONNECTOR HOUSINGS (186)

Features

Product Type Features

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	12
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
Body Material	PBT GF
Primary Product Color	Gray

Contact Features

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	39.8 mm[1.567 in]
Product Length	50.5 mm[1.988 in]
Row-to-Row Spacing	1.5 mm[.059 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	220
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 2021 (211) Candidate List Declared Against: JUN 2018 (191) SVHC > Threshold: Not Yet Reviewed
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-SL34
HEAVY DUTY CONNECTORS FIXING SLIDES



TE Part # CAT-H3399-CH8172
HEAVY DUTY SEALED CONNECTOR HOUSINGS



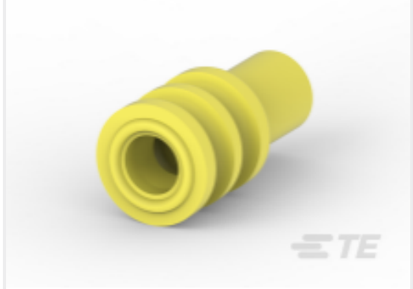
TE Part # CAT-H3399-B128
HEAVY DUTY SEALED CONNECTOR BACKSHELLS



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



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



TE Part # 964972-1
EINZELLEITERDICHTNG



TE Part # 2317070-1
SLIDE,HDSCS,PIN HSG ASSY



TE Part # 2-964269-2
TAB A 1.6x0.6 CONTACT CF SWS Ag

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 #1564562-2
HEAVY DUTY CONNECTORS FIXING SLIDES

TE Part #1-1564526-1
HEAVY DUTY SEALED CONNECTOR HOUSINGS

TE Part #1-1718492-2
AMP MCP, UNSEALED CONNECTOR HOUSING

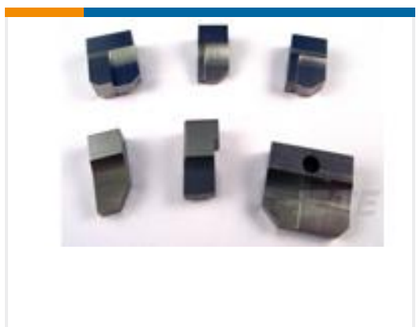
TE Part #1-965641-4
TIMER, CONNECTOR HOUSING



TE Part #1241846-1
TIMER, RECEPTACLE AND TAB



TE Part #YHDP26-24-35PEL017
DEUTSCH HDP20 HOUSINGS



TE Part #1333205-6
ANVIL, COMBINATION (.090)



TE Part #1-968874-3
AMP MCP 2.8, CONTACT (LP)

Documents

Product Drawings

12POS,TAB 1.6X0.6,TAB HSG,ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1564520-1_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1564520-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1564520-1_H.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