



Connectors > Automotive Connectors > Connector Accessories > Connector Caps & Covers > HEAVY DUTY CONNECTORS PROTECTION CAPS



Protection & Strain Relief Accessory Type: **Cover**

Cable Exit Angle: **180° (In-Line)**

Strain Relief: **Without**

Primary Product Color: **Black**

Primary Product Material: **PA**

All HEAVY DUTY CONNECTORS PROTECTION CAPS (10)

Features

Product Type Features

Protection & Strain Relief Accessory Type	Cover
Connector System	Wire-to-Board, Wire-to-Device
Sealable	Yes

Configuration Features

Number of Positions	2, 6, 7, 8
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Body Features

Cable Exit Angle	180° (In-Line)
Primary Product Color	Black
Primary Product Material	PA

Mechanical Attachment

Strain Relief	Without
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Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C,
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	105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	600
Packaging Method	Box

Other

Serviceable	Yes
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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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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-CH8172
HEAVY DUTY SEALED CONNECTOR HOUSINGS

TE Part # 1-2378180-1
7POS,HYBRID,HDR ASSY,180DEG, COD A

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

TE Part # 2-2378180-1
7POS,HYBRID,HDR ASSY,180DEG, COD B

TE Part # 2-2378182-1
8POS,TAB1.5X0.64,HDR ASSY, 180DEG,COD B

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)

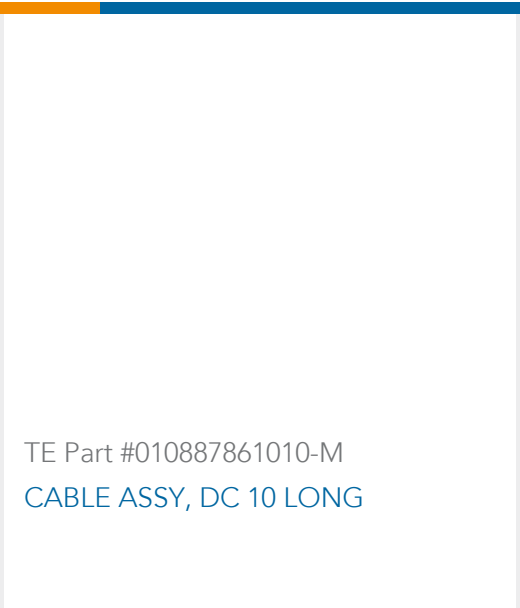
Customers Also Bought

TE Part #154719-4
PL 250 REC HSG 1P NYLON YELLOW

TE Part #1-1564544-1
HEAVY DUTY SEALED CONNECTOR HOUSINGS

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

TE Part #1-962919-1
TIMER, RECEPTACLE AND TAB



Documents

Product Drawings

PROTECTION CAP,GROUP C,ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2112293-1_B_c-2112293-1-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2112293-1_B_c-2112293-1-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2112293-1_B_c-2112293-1-b.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

English

Product Compliance

English

2112293-1

Heavy Duty Sealed Connector Series, Automotive Connector Caps & Covers, Cover,
Cable Exit Angle 180° (In-Line), Without, Black, PA

