

2112297-1 ✓ ACTIVE

AMP | Heavy Duty Sealed Connector Series

TE Internal #: 2112297-1

Automotive Connector Caps & Covers, Cover, Cable Exit Angle
180° (In-Line), Black, PA, Heavy Duty Sealed Connector Series

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Accessories > Connector Caps & Covers > Heavy Duty Sealed Connector Series Cap



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 Sealed Connector Series Cap \(10\)](#)

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	4, 12, 15, 16, 18
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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

Compatible With Connector Style	Housing For Male Terminals
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Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
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Operating Temperature Range	-40 – 120 °C [-40 – 248 °F]
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	400
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Packaging Method	Box
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Not applicable for solder process capability
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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 Series Housings



TE Part # 2-1564536-1
4POS,TAB5.8X0.8,TABHSG,ASSY, COD. B



TE Part # 9-2348772-1
HD MATEnet 3+0 TAB HSG ASSY, GRP E



TE Part # 9-2348772-2
HD MATEnet 3+0 TAB HSG ASSY, GRP E



TE Part # 9-2348782-1
HD MATEnet 2+6 TAB HSG ASSY, GRP E



TE Part # 9-2348782-2
HD MATEnet 2+6 TAB HSG ASSY, GRP E



TE Part # 9-2348789-1
HD MATEnet 2+6 TAB ASSY, GRP E, FLANGED



TE Part # 9-2348789-2
HD MATEnet 2+6 TAB ASSY, GRP E, FLANGED



TE Part # 9-2348792-1
HD MATEnet 1+12 TAB HSG ASSY, GRP E



TE Part # 9-2348792-2
HD MATEnet 1+12 TAB HSG ASSY, GRP E



TE Part # 9-2348795-2
HD MATEnet 1+12 REC HSG ASSY, GRP E



TE Part # 1-2377481-1
18POS,TAB1.5X0.64,HDR ASSY, 180DEG,COD A



TE Part # 1-2378191-1
15POS,HYBRID,HDR ASSY,180DEG, COD A




TE Part # 2-2377481-1
18POS,TAB1.5X0.64,HDR ASSY, 180DEG,COD B




TE Part # 2-2378191-1
15POS,HYBRID,HDR ASSY,180DEG, COD B


Also in the Series | Heavy Duty Sealed Connector Series



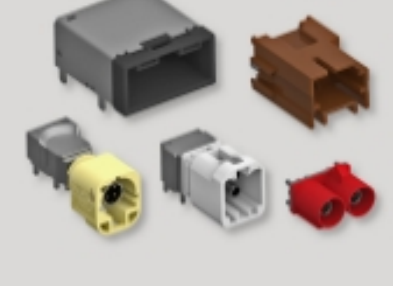
Automotive Connector Caps & Covers (25)



Automotive Housings(197)



Automotive Seals & Cavity Plugs(5)



Data Connectivity Headers(2)



Data Connectivity Housings(18)



Other Automotive Connector Accessories(22)

Customers Also Bought



TE Part #175365-5
DYNAMIC 3500 HDR ASSY 20P



TE Part #1-1564526-1
18POS,TAB 1.6X0.6,TAB HSG,ASSY



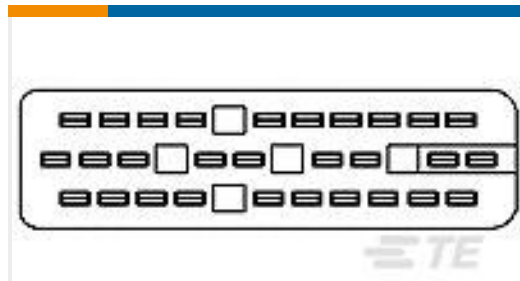
TE Part #2112289-1
PROTECTION CAP,GROUP A,ASSY



TE Part #1-1718093-1
LOW & MEDIUM POWER HEADER



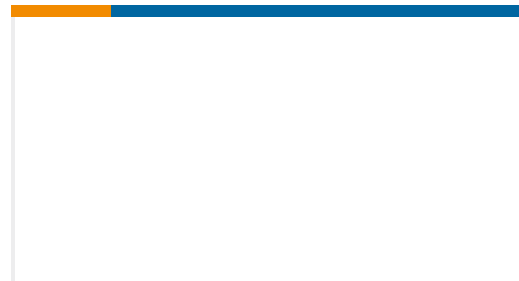
TE Part #1394277-1
SCHUTZKAPPE F4+7P



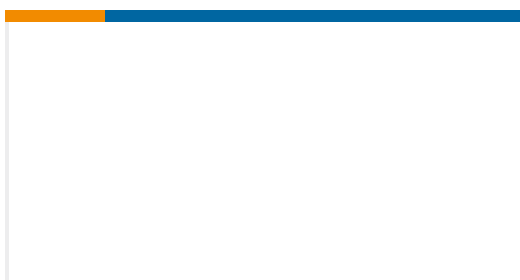
TE Part #963222-1
SEALING F/29P HSG



TE Part #1393280-5
V23086C1001A402



TE Part #2-967623-3
JUN-POW TIM GEH 15P



TE Part #5-2286917-3
3POS,HVP800,180 DEG,50 SQMM,
COD A,TS

Documents

Product Drawings

[PROTECTION CAP,GROUP E,ASSY](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_2112297-1_B.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_2112297-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2112297-1_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[HDSCS Catalog](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

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