

1-2209521-2  ACTIVE

TE Internal #: 1-2209521-2

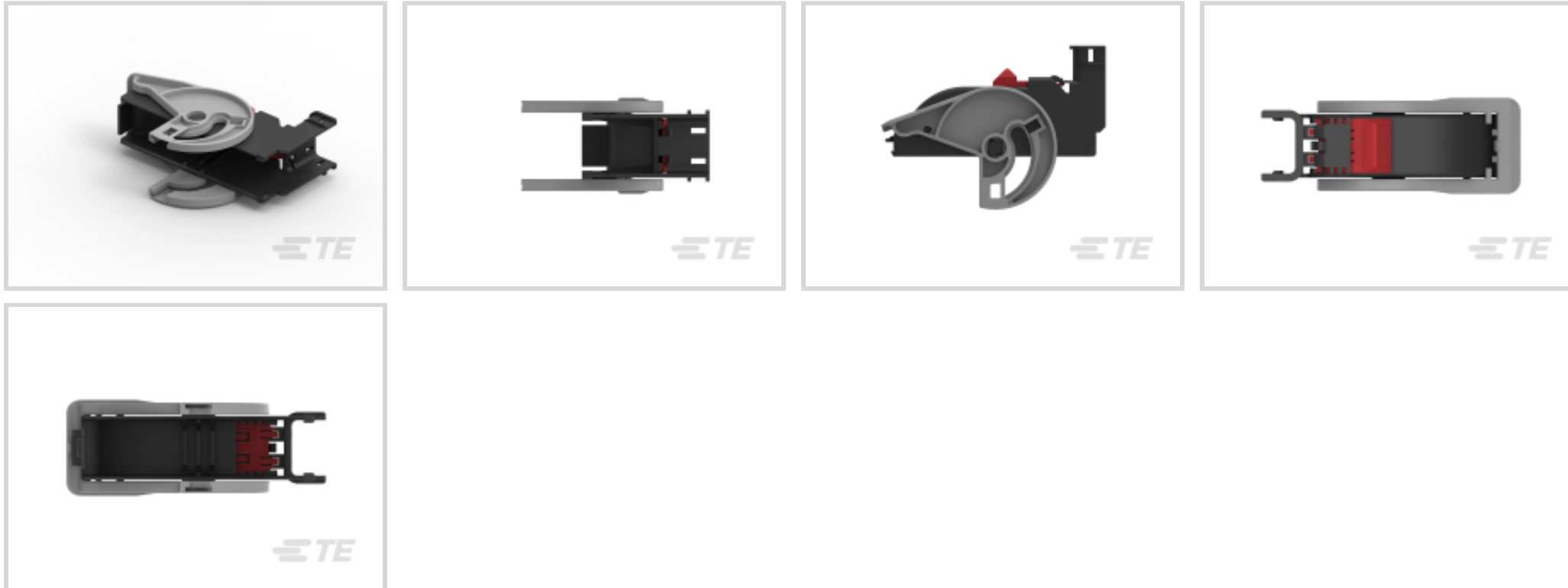
Automotive Connector Caps & Covers, Cover Assembly, Cable Exit

Angle 180°, Black, PBT, 46 Position, -40 – 248 °F [-40 – 120 °C]

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Connector Accessories > Automotive Connector Caps & Covers



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

Cable Exit Angle: **180°**

Strain Relief: **Without**

Primary Product Color: **Black**

Primary Product Material: **PBT**

## Features

### Product Type Features

Sealable	Yes
Protection & Strain Relief Accessory Type	Cover Assembly

### Configuration Features

Number of Positions	46
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### Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Primary Product Material	PBT

### Mechanical Attachment

Strain Relief	Without
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### Dimensions

Compatible Cable Bundle Diameter Range	1.6 mm[.063 in]
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### Usage Conditions

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 °]
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	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	200
Packaging Method	Carton

### 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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Part # 2209520-6  
46POS. REC HOUSING ASSY



TE Part # 9-2209520-9  
46POS. REC HOUSING ASSY, CODA A

TE Part # 1-2209519-1  
LEVER, USED WITH 46POS



TE Part # 1-2209520-0  
46POS. REC. HSG ASS'Y



TE Part # 2209520-4  
46POS. REC HOUSING ASSY



TE Part # 2209520-7  
46POS. REC HOUSING ASSY

## Customers Also Bought



TE Part #969040-1  
SPT A REC 6.3 Contact SWS Sn



TE Part #368287-1  
090 II SEALED REC



TE Part #1-2005519-1  
FUSE SWITCH ASSY(KNOB)



TE Part #1-2379006-1  
52POS, HYBRID, REC HSG ASSY



TE Part #2005098-1  
025 TAB CONTACT(SS)



TE Part #2137490-1  
48 POS MIXED REC HSG GREY W/ C



TE Part #2278922-1  
RETAINER



TE Part #2379014-1  
TPA REC HSG, AMP MCP 2.8



TE Part #2385463-1  
22POS, HYBRID, TAB HSG ASSY, SLD, COD A



TE Part #2403976-1  
24POS, 0.64 SERIES, REC HSG, UNSLD, COD 1



## Documents

### Product Drawings

[46POS. COVER ASSY](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2209521-2\\_A2.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2209521-2\\_A2.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2209521-2\\_A2.3d\\_stp.zip](#)

English

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