

1-2209521-1 ✓ ACTIVE

TE Internal #: 1-2209521-1

Automotive Connector Caps & Covers, Cover Assembly, Black,  
PBT, 46 Position, -40 – 248 °F [-40 – 120 °C]

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



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

Strain Relief: **Without**

Primary Product Color: **Black**

Primary Product Material: **PBT**

Number of Positions: **46**

## 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

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 ° 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 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 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 # 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 #2209441-1  
2W SPLASH PROOF CONN. W.S.L. JPT



TE Part #368086-1  
MULTILOCK, RECEPTACLE AND TAB



TE Part #1-2299988-1  
REC CONN CVR ASSY,65POS,AMP MCP 1.5K



TE Part #1-2355507-1  
3POS,MCON 1.2,REC HSG ASSY,SLD, COD A



TE Part #2-2355506-1  
2POS,MCON 1.2,REC HSG ASSY,SLD, COD B



TE Part #2321519-1  
24POS,TH 025,REC HSG ASSY,UNSLD



TE Part #2359441-1  
7POS,AMP MCP 2.8,REC HSG,UNSLD



TE Part #2391352-1  
57POS,HYBRID,TAB HSG ASSY,SLD, COD A



TE Part #2389205-1  
0.64 SERIES,TERMINAL,REM 064 UNSEAL REC.

### Documents



## Product Drawings

### 46POS. COVER ASSY

English

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## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2209521-1\\_A2.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2209521-1\\_A2.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2209521-1\\_A2.3d\\_igs.zip](#)

English

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