

2177018-1 ✓ ACTIVE

AMP MCP | AMP MCP 6.3/4.8K

TE Internal #: 2177018-1

Single Wire Seal (SWS), 8.5 mm [.334 in] Cavity Diameter, -40 – 130 °C [-40 – 266 °F], Yellow, Silicone, AMP MCP 6.3/4.8K

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Connectors > Connector Accessories > Connector Seals & Cavity Plugs



Connector Seal & Plug Type: **Single Wire Seal (SWS)**

Cavity Diameter: **8.5 mm [.334 in]**

Operating Temperature Range: **-40 – 130 °C [-40 – 266 °F]**

Primary Product Color: **Yellow**

Primary Product Material: **Silicone**

## Features

### Product Type Features

Connector Seal & Plug Type	Single Wire Seal (SWS)
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### Body Features

Primary Product Color	Yellow
Primary Product Material	Silicone

### Dimensions

Cavity Diameter	8.5 mm [.334 in]
Compatible Insulation Diameter Range	2.1 mm [.083 in]

### Usage Conditions

Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]
Operating Temperature (Max)	130 °C [266 °F]

### Other

Resistance to Hydrocarbons	Poor
Shore A Hardness	50
Contains Lubricant	Yes

## 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
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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 2301461-2  
30POS, HYBRID, TAB HSG ASSY, SLD, COD B



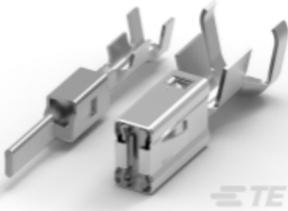
TE Part # 2301461-1  
30POS, HYBRID, TAB HSG ASSY, SLD, COD A



TE Part # 2301462-1  
30POS, HYBRID, REC HSG ASSY, SLD, COD A



TE Part # CAT-L489-CH8172  
LEAVYSEAL Connector Housings



TE Part # CAT-AM705-T273  
AMP MCP, RECEPTACLE AND TAB



TE Part # CAT-H3399-CH8172  
Heavy Duty Sealed Connector Series Housings



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

Also in the Series | **AMP MCP 6.3/4.8K**



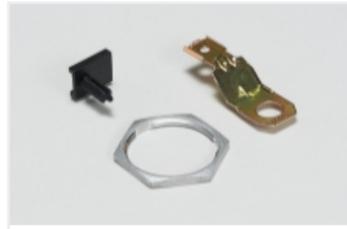
Automotive Housings(11)



Automotive Seals & Cavity Plugs(4)



Automotive Signal & Power Connector Housings(11)



Other Automotive Connector Accessories(1)

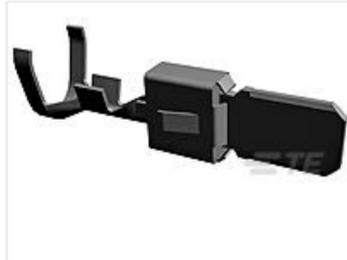
## Customers Also Bought



TE Part #368165-2  
CLIP HSG FOR 070/EJ(MKII) NATURAL



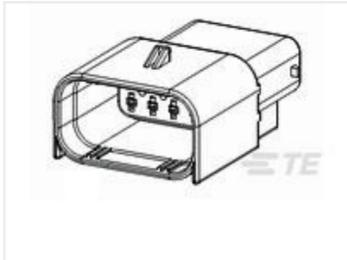
TE Part #2-936126-3  
MQS 14P CAP ASSY GRY



TE Part #964310-1  
TAB A 5.8x0.8 CONTACT CF SWS Sn



TE Part #1394511-1  
EINZELLEITDICHTG,WS



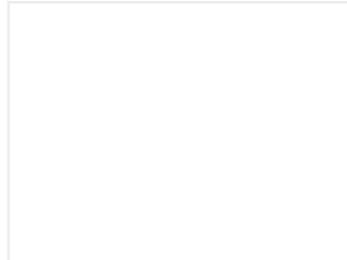
TE Part #1897725-2  
MCP 1.5 SLD 10P CAP HSG



TE Part #2391842-2  
025 2P PLUG HSG FOR HEV LATCH RELAY



TE Part #3-936126-4  
MQS 14P CAP ASSY BRN



TE Part #1-2005107-1  
CLIP HSG FOR 1.5MM 2P CAP



TE Part #2354250-2  
SMX CRIMP 180DEG PLUG BODY



TE Part #2354251-2  
SMX CRIMP FERRULE

## Documents

### Product Drawings

[SINGLE WIRE SEAL,AMP MCP6.3/4.8K,YW](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_2177018-1\\_A\\_c-2177018-1-a.2d\\_dxf.zip](#)

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Yellow, Silicone, AMP MCP 6.3/4.8K



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2177018-1\\_A\\_c-2177018-1-a.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2177018-1\\_A\\_c-2177018-1-a.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

[CONNECTOR SELECTOR](#)

English