284863-1 ✔ ACTIVE

AMP | Round Connector System

TE Internal #: 284863-1

Single Wire Seal (SWS), 5 mm [.197 in] Cavity Diameter, -40 – 130 °C [-40 – 266 °F], Orange, Silicone, Round Connector System

View on TE.com >

Connectors > Connector Accessories > Connector Seals & Cavity Plugs



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

Cavity Diameter: **5 mm [.197 in]**

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

Primary Product Color: **Orange**

Primary Product Material: **Silicone**

Features

Product Type Features

Connector Seal & Plug Type	Single Wire Seal (SWS)

Body Features

Primary Product Color	Orange
Primary Product Material	Silicone

Dimensions

Cavity Diameter	5 mm[.197 in]
Compatible Insulation Diameter Range	1.2 – 2.1 mm[.047 – .083 in]

Usage Conditions

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	10000

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
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 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-AM705-CH8172
AMP MCP, SEALED CONNECTOR HOUSING



TE Part # 1-284844-0
12 POS MCP HYBRID MALE CONNECTOR



TE Part # 284953-1
12 POS. FEMALE CONNECTOR FOR S



TE Part # CAT-NB3-MRC48
48V Ready Mixed (Signal and Power) Connectors

Also in the Series | Round Connector System



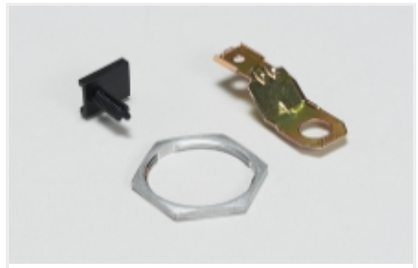
Automotive Housings(30)



Automotive Seals & Cavity Plugs(4)



Automotive Signal & Power Connector Housings(12)

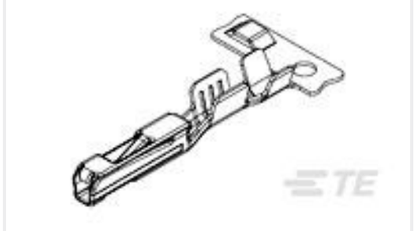


Other Automotive Connector Accessories(31)

Customers Also Bought



TE Part #284442-1
PLUG FOR MQS 12 POS. COLOUR BL



TE Part #1326028-1
0.64MM FEMALE CONTACT,AU,18-20



TE Part #1326140-1
32WAY LAC SHIELD ASSEMBLY 70 D



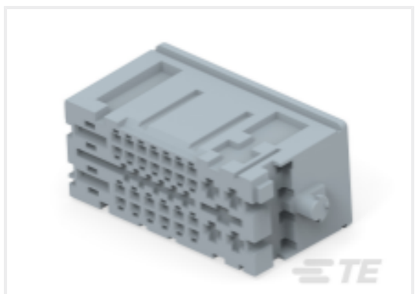
TE Part #1745011-1
PANEL HOOK



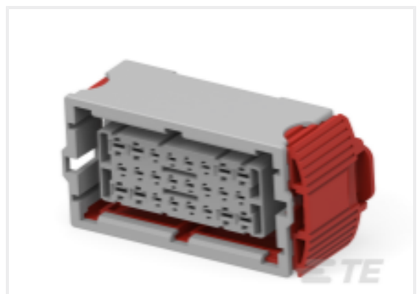
TE Part #2098963-1
30 WAY SHIELD ASSEMBLY, KEY AD



TE Part #2236046-8
32POS, MIXED, MALE CONN., CLIP2, COD B



TE Part #2236047-2
32POS,MIXED,RECEPTACLE CONNECTOR,COD B



TE Part #1745043-3
24pos MCP hybrid conn. all ope



TE Part #2098971-1
36WAY RECEPTACLE CARRIER



TE Part #2098972-1
18 WAY RECEPTACLE CARRIER

Documents

Product Drawings

SINGLE WIRE SEAL F.EXT.INS.DIA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_284863-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_284863-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_284863-1_A.3d_stp.zip

English

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