184270-1 ✔ ACTIVE

AMP | Sealed Sensor Connector SSC System

TE Internal #: 184270-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 3 Position, 5 mm [.197 in] Centerline, Sealed Sensor Connector SSC System

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board, Wire-to-Device, Wire-to-Wire**

Number of Positions: **3**

Connector & Housing Type: **Housing for Female Terminals**

Centerline (Pitch): **5 mm [.197 in]**

Sealable: **Yes**

Features

Product Type Features

Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Mixed & Hybrid Connector	No
Connector Shape	Rectangular

Configuration Features

Number of Positions	3
Number of Rows	1

Housing Features

Centerline (Pitch)	5 mm[.197 in]
Housing Material	PBT GF

Body Features

Primary Product Color	Black
Connector & Keying Code	A
Cable Exit Angle	180°

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With

Usage Conditions

Operating Temperature (Max)	80 °C, 125 °C, 105 °C, 100 °C, 90 °C, 85 °C, 75 °C, 70 °C, 110 °C, 120 °C[248 °F][221 °F][158 °F][167 °F][230 °F][176 °F][194 °F][185 °F][212 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Electrical Characteristics

Nominal Voltage Architecture	24 V, 80 V, 90 V, 42 V, 12 V, 48 V, 125 V
Operating Voltage	125 VDC

Other

Connector Position Assurance Capable	Yes
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Serviceable	Yes

Contact Features

Contact Size	1.8mm

Dimensions

Product Width	24.8 mm[.976 in]
Product Length	27.6 mm[1.09 in]
Connector Height	27.6 mm[1.09 in]

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	1300
Packaging Method	Package

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 2024 (241) Candidate List Declared Against: JUNE 2022 (224) 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 # 184032-1
3 POS. PLUG ASSY, KEY A



TE Part # 184141-1
WIRE SEAL,RUBBER,SENSOR,PURPLE, LIM



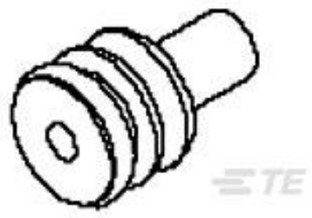
TE Part # 184140-1
WIRE SEAL,RUBBER,SENSOR, ORANGE



TE Part # CAT-EC7491-T273
Econoseal Receptacles and Tabs



TE Part # 171631-2
070 TAB CONT GOLD



TE Part # 184139-1
WIRE SEAL,RUBBER,SENSOR,BLUE



TE Part # 184030-3
RECPT, CONTACT 070, PTPPHBZ



TE Part # 184030-1
RECPT, CONTACT 070, AUPHBZ



TE Part # 184095-1
RECPT, CONTACT .070, AUPHBZ



TE Part # 184095-2
RECPT, CONTACT .070, PTPPHBZ



TE Part # 184311-1
ASSY, PLUG HSG 3 POS, KEY A

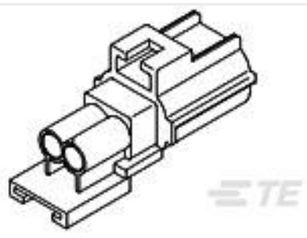


TE Part # 184435-1
1 X 3 PLUG ASSY KEY A-C4

TE Part # 2-184095-1
RECPT, CONTACT .070, AUPHBZ



TE Part # 184192-1
3 POS. CAP HSG., KEY A



TE Part # 184188-1
3 POS. END CAP HSG., KEY A



TE Part # 184292-1
ASSY, PLUG HSG 3 POS, KEY A



TE Part # 172748-1
E-J MK-2 070 CAVITY PLUG

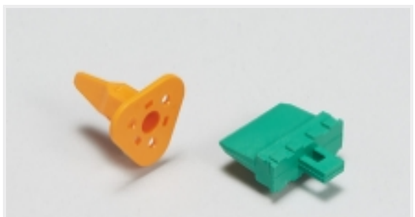


TE Part # 172748-2
E-J MK-2 070 CAVITY PLUG

Also in the Series | Sealed Sensor Connector SSC System



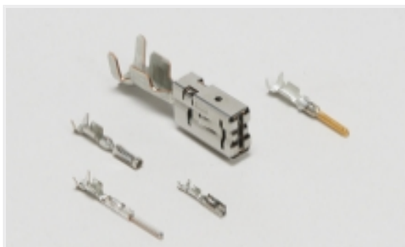
Automotive Connector Caps & Covers (2)



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(126)



Automotive Terminals(5)



Connector Seals & Cavity Plugs(4)

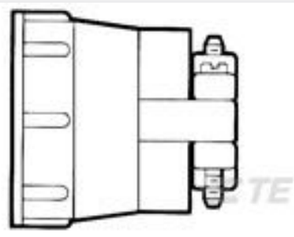


Insertion & Extraction Tools(1)

Customers Also Bought



TE Part #DTP06-2S
PLG, 2P, GRY, N



TE Part #207774-3
CLAMP CABLE SHELL,SIZE 23



TE Part #211773-1
23-19 CPC RECEPT REV SEX



TE Part #211772-1
CPC PLUG ASSEMBLY SIZE 23-19



TE Part #184032-1
3 POS. PLUG ASSY, KEY A



TE Part #323096
SOLIS R 22-16 COMM 22-18 MIL 4



TE Part #6-2119784-2
CRIMPER INSULATION O PREMIUM



TE Part #174463-3
070 MULTILOCK PLUG 2P



TE Part #1438255-2
B65BA-K630A0

TE Part #1456004-1
USCAR FEM TER 04608783AA-18

Documents

Product Drawings

3 POS. PLUG ASSY W/CPA, KEY A

English

CAD Files

Customer View Model

ENG_CVM_184270-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_184270-1_D.3d_stp.zip

English

Customer View Model

ENG_CVM_184270-1_D.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English