



AMP | Sealed Sensor Connector SSC System

TE Internal #: 184030-3

Automotive Terminals, Receptacle, Mating Tab Width 1.8 mm [.071 in], 20 – 14 AWG Wire Size, .5 – 2 mm² Wire Size, Sealed Sensor Connector SSC System

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Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**

Mating Tab Width: **1.8 mm [.071 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **.5 – 2 mm²**

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	1.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	17 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.8 mm[.071 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.2 – 2.7 mm[.047 – .106 in]
Wire Size	.5 – 2 mm ²



Wire Size Search	14 AWG, 15 AWG, 16 AWG, 17 AWG, 18 AWG, 19 AWG, 20 AWG
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Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Agency/Standard	SAE/USCAR-2
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Packaging Features

Packaging Quantity	6000
Packaging Method	Package

Other

Terminal Transmits	0 – 24 A (Low Power)
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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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 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

 <p>TE Part # 184006-1 2 POS. PLUG ASSY, KEY D, GREEN</p>	 <p>TE Part # 184046-1 4 POS. PLUG ASSY, KEY A</p>	 <p>TE Part # 184000-1 2 POS. PLUG ASSY, KEY A, BLACK</p>	 <p>TE Part # 184032-1 3 POS. PLUG ASSY, KEY A</p>
 <p>TE Part # 91583-1 CCII 070 TYP 20-16 ASSY</p>	 <p>TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</p>	 <p>TE Part # 937313-1 EXT-TOOL</p>	 <p>TE Part # 184115-1 12 POS. PLUG ASSY</p>
 <p>TE Part # 184344-1 2X2 PLG ASY KEY A C3</p>	 <p>TE Part # 184006-2 2 POS. PLUG ASSY, KEY D, GRAY</p>	 <p>TE Part # 184392-2 2X2 PLG ASY, KEY A, W/O CPA C3, natural</p>	 <p>TE Part # 184248-1 2X2 PLG ASY KEY A C4</p>
 <p>TE Part # 184207-1 2 POS. PLUG ASSY, KEY J</p>	 <p>TE Part # 184340-1 PLUG ASSY,2X2,CPA,W/O SLOT,CKT4 BLKD</p>	 <p>TE Part # 184060-1 6 POS./6 CIRC PLUG ASSY, KEY A BLKD</p>	 <p>TE Part # 184004-1 2 POS. PLUG ASSY, KEY C, BLACK</p>




TE Part # 184022-1
2 POS. PLUG ASSY, KEY M, BLACK



TE Part # 184042-1
1 POS. PLUG ASSY, KEY A




TE Part # 184012-1
2 POS. PLUG ASSY, KEY G, GRAY



TE Part # 184002-1
2 POS. PLUG ASSY, KEY B, GRAY


Also in the Series | Sealed Sensor Connector SSC System




Automotive Connector Caps & Covers (7)



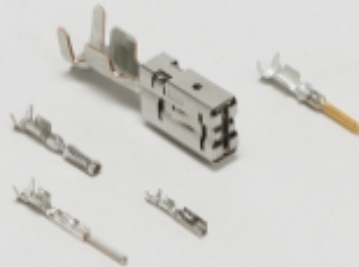
Automotive Connector Locks & Position Assurance (6)




Automotive Housings (177)




Automotive Seals & Cavity Plugs (3)



Automotive Terminals (8)



Insertion & Extraction Tools (1)



Other Automotive Connector Accessories (6)

Customers Also Bought



TE Part # 184000-1
2 POS. PLUG ASSY, KEY A, BLACK



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



TE Part # 927871-1
JUNIOR-TIMER KONT



TE Part # 2287871-2
24POS, MIXED, TAB HSG, 025, 090, CODE B, ASSY




TE Part # 1473255-2
LEVER ASSY TYPE-A NO SLIT TYPE
40POS



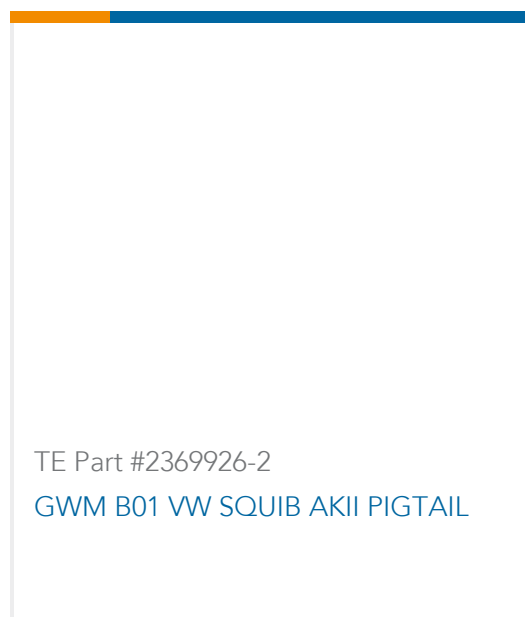
TE Part # 184311-1
ASSY, PLUG HSG 3 POS, KEY A



TE Part # 2141995-1
10POS, TAB 0.63X0.64, PIN HSG, ASSY



TE Part # 2-2236706-2
2-POS. SEALED 2.8MM USCAR
CLEAN BODY FOR



Documents

Product Drawings

[RECPT, CONTACT 070, PTPPHBZ](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_184030-3_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_184030-3_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_184030-3_G.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English