184030-3 ✔ ACTIVE

AMP | Sealed Sensor Connector SSC System

TE Internal #: 184030-3

Receptacle Terminal, 20 – 14 AWG, .5 – 2 mm² Wire, 1.8 mm [.07 in] Tab Width, Tin (Sn), Sealable, Sealed Sensor Connector SSC System

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Automotive Parts > Automotive Terminals







Terminal Type: **Receptacle**

Wire Size: **20 – 14 AWG**

Mating Tab Width: **1.8 mm [.07 in]**

Interface Plating: **Tin (Sn)**

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	On the Terminal
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)

Contact Features

Typical Current Rating	17 A
Crimp Type	F-Crimp
Contact Size	1.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	1.8 mm[.07 in]
Interface Plating	Tin (Sn)
Mating Tab Thickness	.64 mm[.025 in]

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	20 – 14 AWG
Wire Size Search	.5 mm², .6 mm², .8 mm², 1 mm², 1.25 mm², 1.5 mm², 2 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Compatible With Wire Base Material	Copper

Industry Standards

Compatible With Agency/Standards Products	SAE/USCAR-2

Packaging Features

Packaging Method	Package
Packaging Quantity	6000

Other

Terminal Transmits	0 – 24 A (Low Power)

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 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 # 2266014-2
OCEAN_2.0_Applicator-S-090F140O-RSA



TE Part # 184330-1
2X2 CAP ASY KEY F C4



TE Part # 184252-1
2X2 PLG ASY KEY B W/RET C4



TE Part # 184050-1
4 POS. PLUG ASSY, KEY C, BLACK



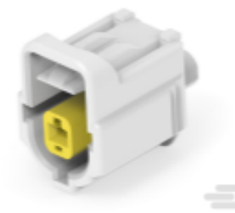
TE Part # 184355-1
2X2 CAP ASY KEY B C3



TE Part # 184207-1
2 POS. PLUG ASSY, KEY J



TE Part # 184455-1
ASSY,SSC,2X6 PLUG,C3,KEY A,1-9-11 BLKD



TE Part # 184042-2
1 POS. PLUG ASSY, KEY A



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



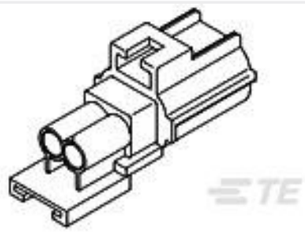
TE Part # 184168-1
2 POS. CAP HSG., KEY F



TE Part # 184212-1
2 POS. PLUG ASSY, KEY A



TE Part # 184315-1
3 POS. PLUG ASSY., KEY B



TE Part # 184189-1
3 POS. END CAP HSG., KEY B



TE Part # 184254-1
2X2 CAP ASY KEY B C4



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



TE Part # 184097-1
12 POS. PLUG ASSY



TE Part # 184006-1
2 POS. PLUG ASSY, KEY D, GREEN



TE Part # 184034-1
3 POS. PLUG ASSY, KEY B

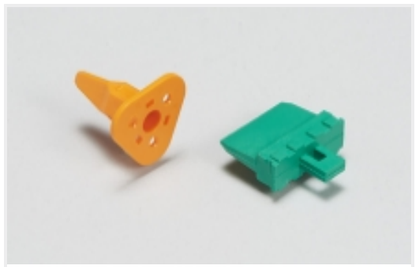


TE Part # 184322-1
2X2 PLG ASY KEY F C4



TE Part # 184004-1
2 POS. PLUG ASSY, KEY C, BLACK

Also in the Series | Sealed Sensor Connector SSC System



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(34)



Automotive Seals & Cavity Plugs(3)



Automotive Signal & Power Connector Housings(33)

Customers Also Bought



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



TE Part #184004-1
2 POS. PLUG ASSY, KEY C, BLACK



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



TE Part #284716-6
6 POS. MT-II REC. CONNECTOR



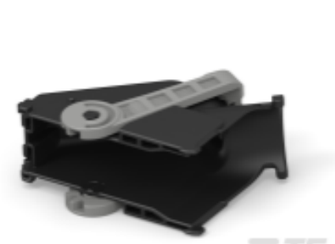
TE Part #828906-2
BLINDSTOPFEN 1,5SYS



TE Part #1-1924067-2
2POS, MCON 1.2 CB REC 2p TL SEALED



TE Part #2-2236706-1
2-POS. SEALED 2.8MM USCAR CLEAN BODY FOR



TE Part #2303827-1
COVER ASSEMBLY 114POS



TE Part #184020-1
2 POS. PLUG ASSY, KEY L, NAT



TE Part #184207-1
2 POS. PLUG ASSY, KEY J

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