



Terminals & Splices > Automotive Terminals > SUPERSEAL Connector Contacts: 1.0 mm



Terminal Type: **Receptacle**
Interface Plating: **Gold (Au)**
Mating Pin Diameter: **1 mm [.039 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **18 – 16 AWG**

[All SUPERSEAL Connector Contacts: 1.0 mm \(6\)](#)

Features

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	7000

Usage Conditions

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

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features



Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Dimensions

Compatible Insulation Diameter Range	1.6 – 2.2 mm[.063 – .087 in]
Wire Size	.75 – 1.25 mm²
Wire Size Search	1.25 mm², 1 mm², .75 mm²
Tab Length	22.12 mm[.871 in]

Contact Features

Typical Current Rating	15 A
Crimp Type	F-Crimp
Contact Size	1mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Interface Plating	Gold (Au)
Mating Pin Diameter	1 mm[.039 in]

Body Features

Terminal Seal Type	Family Seal
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Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Does not contain REACH SVHC

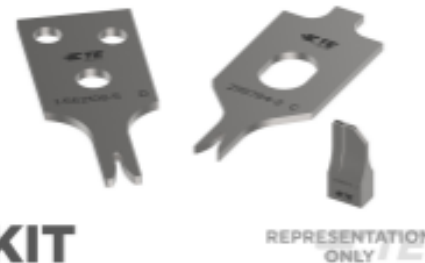
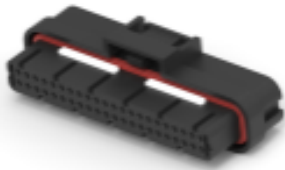


Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

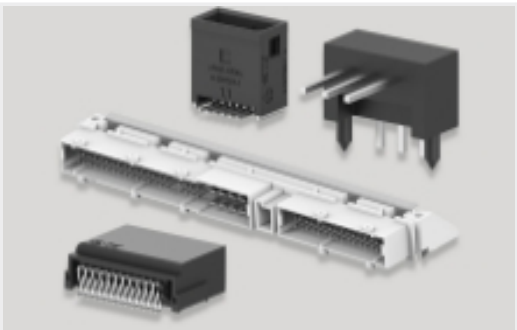
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-SU763-CH8172 SUPERSEAL Connector Housings: 1.0 mm	 TE Part # 1976144-1 SDE COMMERCIAL HAND TOOL	 TE Part # 2151241-2 OCEAN_2.0_Applicator-S-073F083O-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp
 TE Part # 1976144-2 SDE COMMERCIAL DIE	 TE Part # 2151241-1 OCEAN_2.0_Applicator-S-073F083O-RSM	 TE Part # 7-2151241-7 OCEAN_2.0_SPARE_PART_KIT-073F083O	 TE Part # 1376886-1 3900281-442=S/S PLUG ASSY 44P

Also in the Series | SUPERSEAL 1.0mm

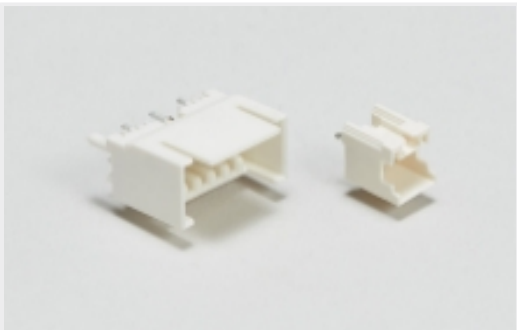
 Automotive Headers(39)	 Automotive Housings(20)	 Connector Backshells(3)	 Connector Seals & Cavity Plugs(1)
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PCB Headers & Receptacles(39)



Rectangular Backshells & Clamps(3)



Wire-to-Board Headers & Receptacles (27)

Customers Also Bought



TE Part #3-1670901-1
12POS,AMP MCP2.8,REC HSG,ASSY



TE Part #3-1447221-5
S/S REC CONTACT ASSY, AU, 0.3



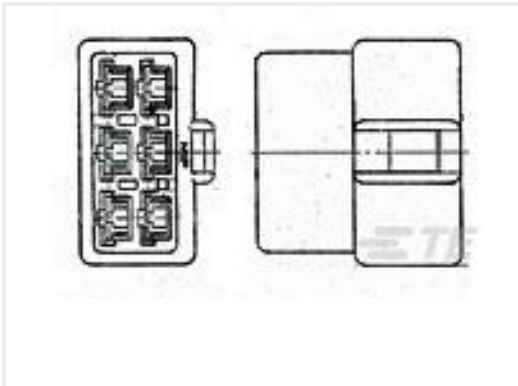
TE Part #1871414-2
AMPSEAL16,CAP ASSY,4P-B,B/R TYPE, RWDS



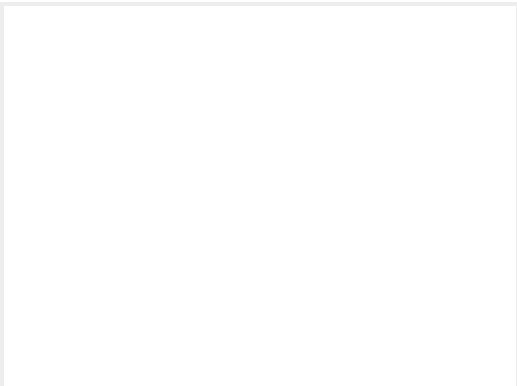
TE Part #CAR3PC68-001
CAR PLUG DIN9680 3way, IP68



TE Part #CAT-SU763-CH8172
SUPERSEAL Connector Housings: 1.0 mm



TE Part #174203-1
250 FASTON WITH LANCE CAP 6P



TE Part #3-1355136-7
MQS BU-GEH ASSY 94P

Documents

Product Drawings

S/S REC CONTACT ASSY, AU, 0.75-1.25

English

S/S REC CONTACT ASSY, AU, 0.75-1.25

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1447221-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1447221-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1447221-3_C.3d_stp.zip



English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages
ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications
Application Specification

English

Receptacle Contact, Super Seal Connector

Japanese

Application Specification

Japanese

Super Seal Connector

Japanese

Application Specification

Japanese

Application Specification

Japanese

Instruction Sheets
SUPER SEAL CONNECTOR RECEPTACLE CONTACT HAND CRIMPING TOOL

Japanese

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

English

SUPER SEAL CONNECTOR PLUG HOUSING CONNECTOR

English