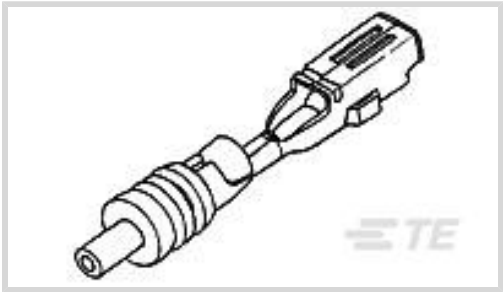




Terminals & Splices > Automotive Terminals > Econoseal Receptacles and Tabs



Terminal Type: **Receptacle**

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

Mating Tab Thickness: **.64 mm [.025 in]**

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

Wire Size: **20 – 16 AWG**

[All Econoseal Receptacles and Tabs \(45\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	1.8mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	10 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.8 mm[.071 in]
Mating Tab Thickness	.64 mm[.025 in]
Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
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Dimensions

Wire Size	.5 – 1.25 mm²
Wire Size Search	16 AWG, 17 AWG, 18 AWG, 19 AWG, 20 AWG
Wire Insulation Diameter	2 – 2.5 mm[.078 – .102 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C[176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	6000

Other

Terminal Transmits	0 – 24 A (Low Power)
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Product Compliance

For compliance documentation, visit the product page on TE.com>

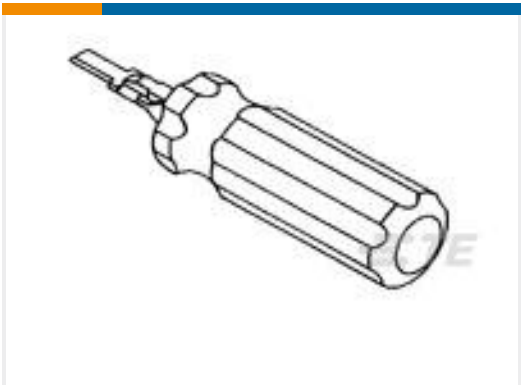
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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

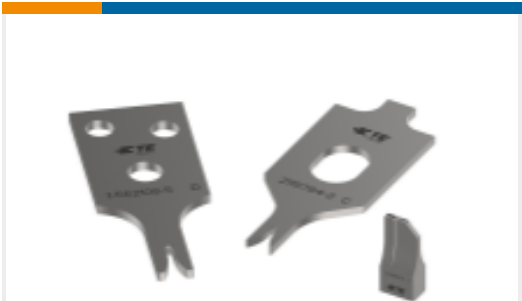


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-EC7491-CH8172 ECONOSEAL, CONNECTOR HOUSING	 TE Part # 2822354-1 070 TYPE RUBBER PLUG	 TE Part # 1-172888-3 COMPRUBBER PLUG SILICON	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp
 TE Part # 2066042-1 12 POS.ECONOSEAL PLUG HSG ASSY JMARK II+	 TE Part # 937313-1 EXT-TOOL	 TE Part # 2822357-1 070 CAVITY PLUG	 TE Part # 2-2151106-1 OCEAN_2.0_Applicator-S-090F145O
 TE Part # 2-2151106-2 OCEAN_2.0_Applicator-S-090F145O	 TE Part # 2151106-1 OCEAN_2.0_Applicator-S-090F145O	 TE Part # 2151106-2 OCEAN_2.0_Applicator-S-090F145O	 TE Part # 2822354-2 070 TYPE RUBBER PLUG
 TE Part # 5-2151106-1 OCEAN_2.0_Applicator-S-090F145O	 TE Part # 5-2151106-2 OCEAN_2.0_Applicator-S-090F145O	 TE Part # 7-2151106-1 OCEAN_2.0_Applicator-S-090F145O	 TE Part # 7-2151106-2 OCEAN_2.0_Applicator-S-090F145O

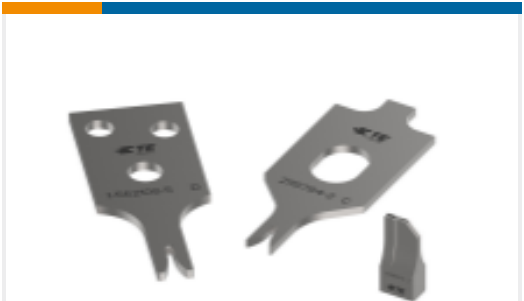




KIT

REPRESENTATION ONLY

TE Part # 7-2151106-7
OCEAN_2.0_SPARE_PART_KIT-090F145O



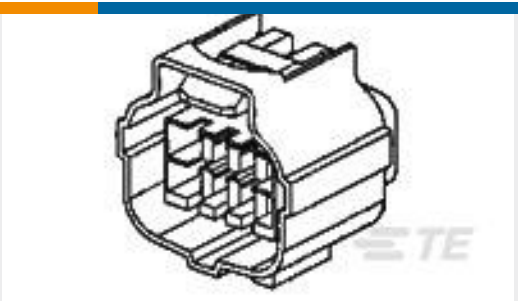
KIT

REPRESENTATION ONLY

TE Part # 7-2266060-7
OC-090F145O-752-CRIMPTOOLINGKIT



TE Part # 1-178210-3
NEW RUBBER PLUG SMALL WIRE

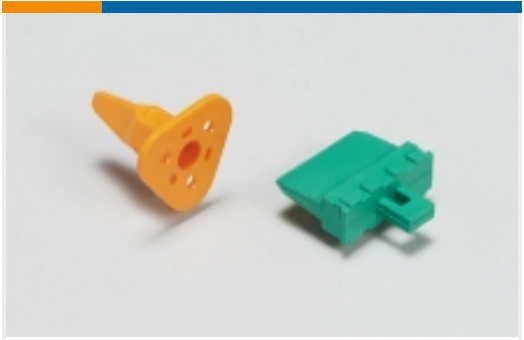


TE Part # 174982-2
8 POS PLUG MKII+

Also in the Series | Econoseal



Automotive Connector Caps & Covers
(1)



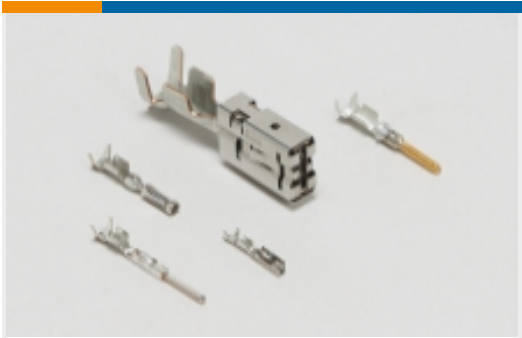
Automotive Connector Locks & Position Assurance(25)



Automotive Housings(62)



Automotive Seals & Cavity Plugs(17)



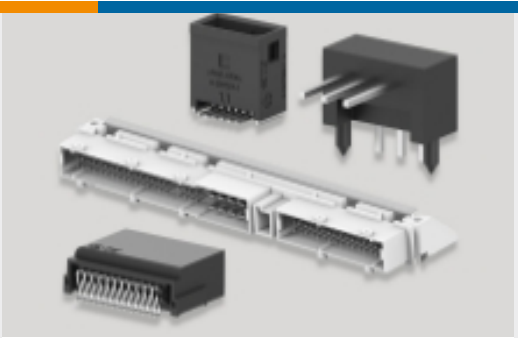
Automotive Terminals(47)



Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(4)



Primary Wire(1)

Documents

Product Drawings
070 SERIES REC CONTACT
English

CAD Files
3D PDF
English
Customer View Model



[ENG_CVM_171662-4_F1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_171662-4_F1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_171662-4_F1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

Econoseal Connector Series

English

Product Specifications

Application Specification

English

CONTACTS SERIE .070 DU CONNECTEUR AMP- ECONOSEAL "J" -II

English

Crimping of AMP-ECONOSEAL "J"-II, .070 and .250 Series Contact

English

Application Specification

English

Econoseal J Series Connectors <Mark II(+)> .070 Series Contact

Japanese

Application Specification

Japanese

Instruction Sheets

ECONOSEAL J MARK II+ CONNECTOR (EJ-MK II+)

English

Customer Manual (non U.S.)

English

ECONOSEAL J MARK II+ CONNECTOR

English

Customer Manual (non U.S.)

English