

1897641-1 ✓ ACTIVE



Econoseal

TE Internal #: 1897641-1

Automotive Terminals, Tab, Mating Tab Width 1.8 mm [.071 in], Tab Thickness .64 mm [.025 in], 20 AWG Wire Size, .5 mm² Wire Size, Sealable, Econoseal

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals > Econoseal Receptacles and Tabs



Terminal Type: **Tab**

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 AWG**

[All Econoseal Receptacles and Tabs \(40\)](#)

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
Crimp Type	F-Crimp
Terminal Type	Tab
Mating Tab Width	1.8 mm[.071 in]
Mating Tab Thickness	.64 mm[.025 in]



Interface Plating	Gold (Au)
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.4 – 1.9 mm [.055 – .075 in]
Wire Size	.5 mm ²
Wire Size Search	20 AWG

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]

Packaging Features

Packaging Quantity	6000
Packaging Method	Reel

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: JUNE 2023 (235) 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 # 2266659-2
OC-AT-S-FA-070F134O-001-0304




TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 7-2266659-7
OC-070F134O-CRIMPTOOLINGKIT

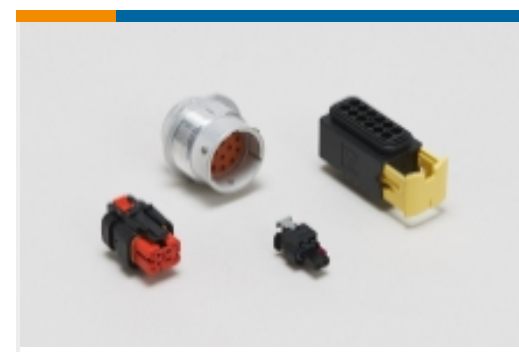
Also in the Series | Econoseal




Automotive Connector Caps & Covers (1)




Automotive Connector Locks & Position Assurance(25)




Automotive Housings(86)




Automotive Terminals(43)



Connector Seals & Cavity Plugs(16)



Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(5)

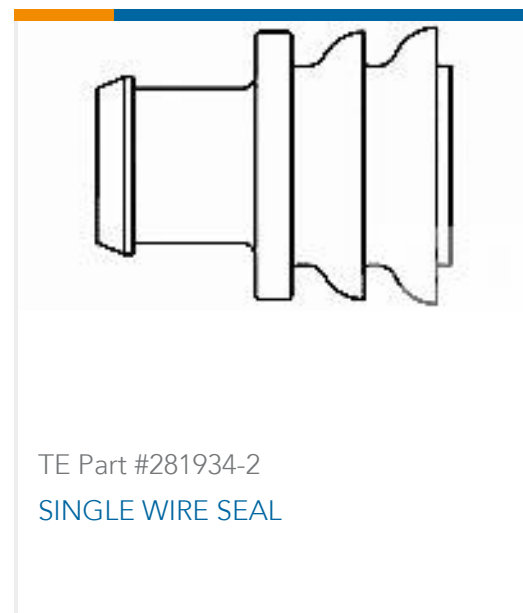


PCB Headers & Receptacles(3)



Primary Wire(1)

Customers Also Bought

TE Part #DT04-2P
REC, 2P, GRY, NTE Part #DT06-2S
PLG, 2P, GRY, NTE Part #W2P
Wedgelocks: DEUTSCH DTTE Part #0462-201-16141
DEUTSCH Solid ContactsTE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSINGTE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings

E-J MK-2 070 TAB CONT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1897641-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1897641-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1897641-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Econoseal Connector Series](#)

English

Product Specifications

[Application Specification](#)