



Connectors > Automotive Connectors > Automotive Housings > ECONOSEAL, CONNECTOR HOUSING



Number of Positions: 2
Connector & Housing Type: **Housing for Male Terminals**
Mating Tab Width: 4.8 mm [.189 in]
Connector System: **Wire-to-Wire**
Centerline (Pitch): 7.9 mm [.311 in]

[All ECONOSEAL, CONNECTOR HOUSING \(58\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	13 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

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Contact Size	4.8mm
Contact Type	Tab
Mating Tab Width	4.8 mm[.189 in]
Contact Current Rating (Max)	25 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT
Centerline (Pitch)	7.9 mm[.311 in]

Dimensions

Product Width	23.3 mm[.917 in]
Product Length	45 mm[1.772 in]
Connector Height	24.1 mm[.949 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Quantity	50
Packaging Method	Bag

Other

Serviceable	Yes
Connector Position Assurance Capable	No

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 85003-2
187 CLIP HSG

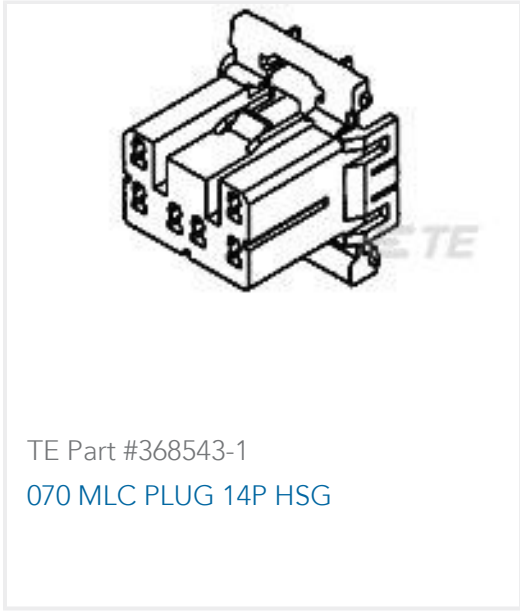
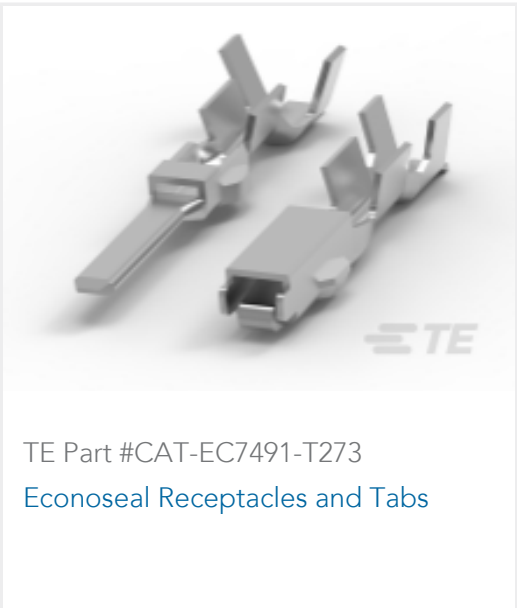


TE Part # 176146-2
187 PLUG HSG 2P BLACK



TE Part # 85024-1
RUBBER PLUG GRAY FOR 187 SEALD

Customers Also Bought



Documents

Product Drawings
187 CAP HSG ASSY 2P BLACK

English

CAD Files
Customer View Model
ENG_CVM_CVM_176143-2_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_176143-2_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_176143-2_C.3d_stp.zip

English

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Datasheets & Catalog Pages
Econoseal Connector Series

English

Product Specifications
Product Specification
English
.187 SERIES, SEALED CONNECTOR

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