173090-2 ✔ ACTIVE

Econoseal

TE Internal #: 173090-2

Housing for Female Terminals, Wire-to-Wire, 2 Position, 4.8 mm [.189 in] Centerline, Sealable, Black, Signal, Cable Mount (Free-Hanging)

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







Connector System: **Wire-to-Wire**

Number of Positions: **2**

Connector & Housing Type: **Housing for Female Terminals**

Centerline (Pitch): **4.8 mm [.189 in]**

Sealable: **Yes**

All ECONOSEAL, CONNECTOR HOUSING (59)

Features

Product Type Features

Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Mixed & Hybrid Connector	No
Connector Shape	Rectangular

Configuration Features

Number of Positions	2
Number of Rows	1

Housing Features

Centerline (Pitch)	4.8 mm[.189 in]
Housing Material	PBT

Contact Features

Mating Tab Width	1.8 mm[.071 in]
Contact Size	1.8mm
Contact Type	Receptacle

Body Features

Primary Product Color	Black
Cable Exit Angle	180°

Operation/Application

Circuit Application	Signal

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarizing Slot
Mating Alignment	With

Usage Conditions

Operating Temperature (Max)	80 °C, 105 °C, 100 °C, 90 °C, 85 °C, 75 °C, 70 °C[221 °F][158 °F][167 °F][176 °F][194 °F][185 °F][212 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Electrical Characteristics

Nominal Voltage Architecture	12 V
Operating Voltage	12 VDC

Other

Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Serviceable	Yes

Dimensions

Product Width	20.6 mm[.811 in]
Product Length	27.6 mm[1.087 in]
Connector Height	22.8 mm[.898 in]

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

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

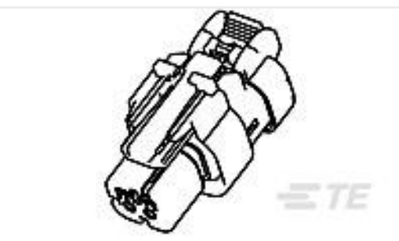


TE Part # CAT-EC7491-CH8172
ECONOSEAL, CONNECTOR HOUSING

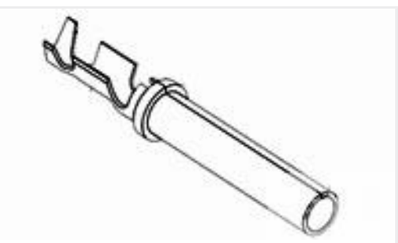


TE Part # CAT-EC7491-T273
Econoseal Receptacles and Tabs

Customers Also Bought



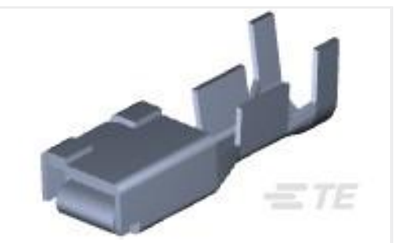
TE Part #776429-1
AS16,PLUG ASSY,ST,03P,N SEAL, CODE A



TE Part #776299-1
ASSEMBLY SOCKET LOOSE PC GOLD



TE Part #1452862-1
COVER 96POS. ASSY



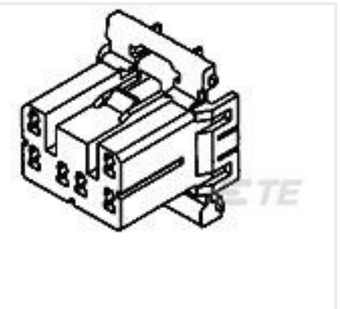
TE Part #179956-6
DYNAMIC D-5 REC M AG FORM



TE Part #2822366-1
ECONOSEAL, CONNECTOR HOUSING



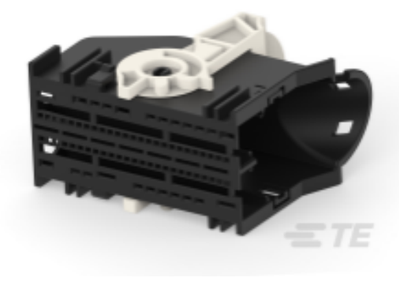
TE Part #1-1452424-2
BLIND PLUG FOR MCON 1.2 CB (1.



TE Part #173850-2
070 MULTILOCK PLUG 8P



TE Part #173065-2
0.07 ECNOSEAL 3P CAP



TE Part #2177472-1
73POS, MIXED,REC HSG,ASSY,BK

Documents

Product Drawings

.070 ECONOSEAL PLUG ASSY 2P

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_173090-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_173090-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_173090-2_A.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

Product Specification

Japanese