174257-2 ✔ ACTIVE

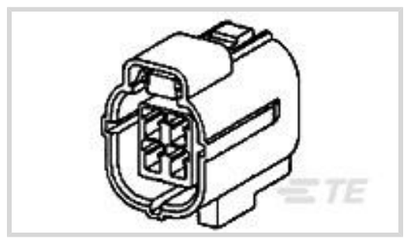
AMP | Econoseal

TE Internal #: 174257-2

Housing for Female Terminals, Wire-to-Wire, 4 Position, .189 in [4.8 mm] Centerline, Sealable, Black, Signal, Cable Mount (Free-Hanging), Econoseal

View on TE.com >

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



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

Number of Positions: **4**

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

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

Sealable: **Yes**

All ECONOSEAL, CONNECTOR HOUSING (89)

Features

Product Type Features

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

Configuration Features

Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	29.3 mm[1.154 in]
Product Width	20.6 mm[.811 in]
Product Length	27.6 mm[1.087 in]
Row-to-Row Spacing	3 mm, 3.5 mm[.118 in][.138 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	100
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



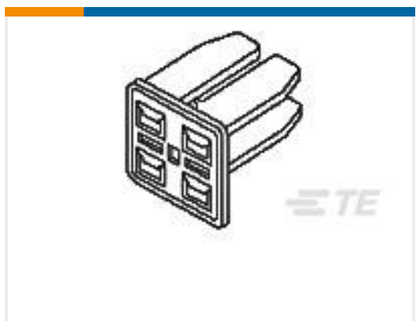
TE Part # CAT-EC7491-CH8172
ECONOSEAL, CONNECTOR HOUSING



TE Part # 1-900325-9
070 RUBBER PLUG M



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



TE Part # 174258-7
ECONO-J MK-2 LOCK PLATE 4P



TE Part # 1-172888-3
COMPRUBBER PLUG SILICON



TE Part # 900324-4
070 RUBBER PLUG S



TE Part # 936418-2
BACK WARNING SENSOR 4P ASSY



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



TE Part # 172746-1
E-J MK-2 070 RUBBER PLUG

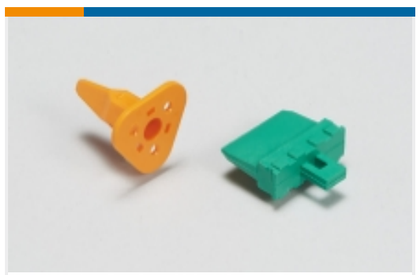


TE Part # 178210-1
NEW RUBBER PLUG SMALL WIRE

Also in the Series | Econoseal



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(33)



Automotive Housings(102)



Automotive Terminals(43)



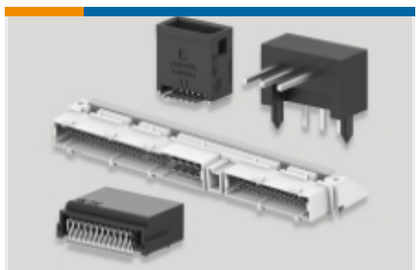
Connector Seals & Cavity Plugs(20)



Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(3)

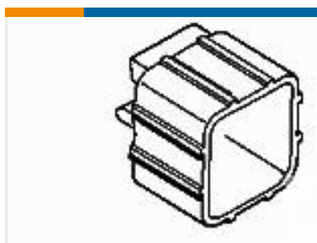


Primary Wire(1)

Customers Also Bought



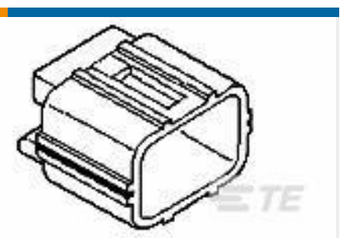
TE Part # 2822346-1
ECONO-J MK-2 PLUG ASSY 6P



TE Part # 1-174260-1
ECONO-J MK-2 LOCK PLATE CAP 4P



TE Part # 963884-1
JPT REC 2.8 Contact SRC



TE Part # 1-174355-1
E-J MK-2 CAP HSG 2P NATURAL



TE Part # 1-174258-1
E-J MK-2 PLUG HSG 4P NATURAL



TE Part # 2446124-1
10POS,MCON 1.2,TAB HSG ASSY,SLD, COD A



TE Part # 2446122-1
SWS,MCON 1.2,CVTY DIA,3.95,BLK



TE Part # 2309993-1
8POS,MQS,REC HSG ASSY,SLD,COD 1

TE Part # 223321-000
BL-POLY125-16-0-110MM



TE Part # 1-174878-1
E-J MK-2 PLUG HSG 1P NATURAL

Documents

Product Drawings

ECONOSEAL-J MK-2 PLUG ASSY 4P

English

CAD Files

Customer View Model

ENG_CVM_CVM_174257-2_H.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_174257-2_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_174257-2_H.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

Econoseal Connector Series

English

Product Specifications

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

English

Application Specification

English

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

Agency Approvals

Agency Approval Document

English