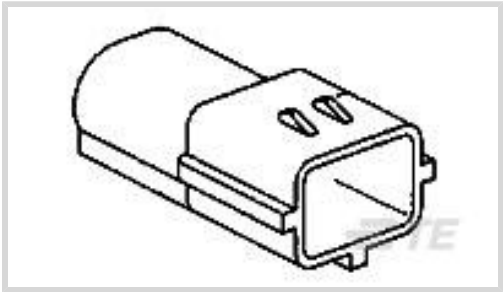




Connectors > Automotive Connectors > Automotive Housings > ECONOSEAL, CONNECTOR HOUSING



Number of Positions: 2

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

Mating Tab Width: 1.8 mm [.071 in]

Connector System: **Wire-to-Board, Wire-to-Device, Wire-to-Wire**

Centerline (Pitch): 4.8 mm [.189 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-Board, Wire-to-Device, Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	2
Number of Rows	1

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	Tab
Mating Tab Width	1.8 mm[.071 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Product Width	18.3 mm[.72 in]
Product Length	32.5 mm[1.28 in]
Connector Height	14.05 mm[.553 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
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Industry Standards

UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Other

Serviceable	Yes
Connector Position Assurance Capable	No



Product Compliance

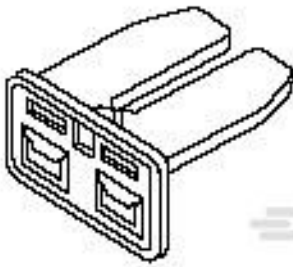
For compliance documentation, visit the product page on TE.com>

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 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

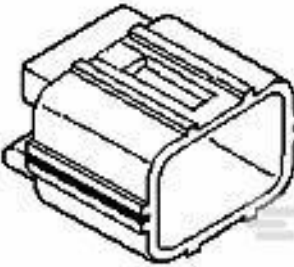
Product Compliance Disclaimer

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 # 174353-7
070 ECONOSEAL MARK-2 PLATE 2P



TE Part # 174355-7
070 ECONOSEAL MARK-2 P/CAP 2P



TE Part # 178210-1
NEW RUBBER PLUG SMALL WIRE



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



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



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



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



TE Part # 1-172888-3
COMPRUBBER PLUG SILICON



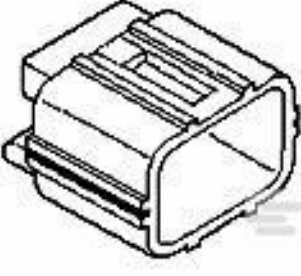
TE Part # 2338360-1
2P ECONOSEAL RECEPTACLE ASSY



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



TE Part # 2338360-2
2P ECONOSEAL RECEPTACLE ASSY



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

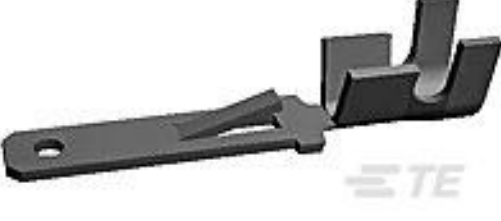


TE Part # 171631-2
070 TAB CONT GOLD

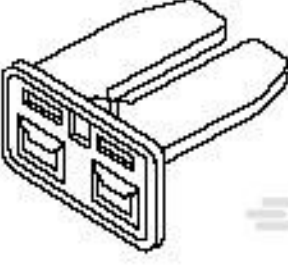


TE Part # 900324-4
070 RUBBER PLUG S

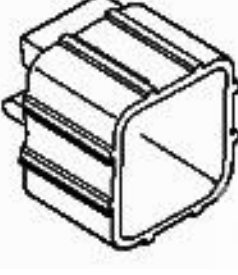
Customers Also Bought



TE Part #170051-1
FF 250 TAB 20-14AWG BR LP



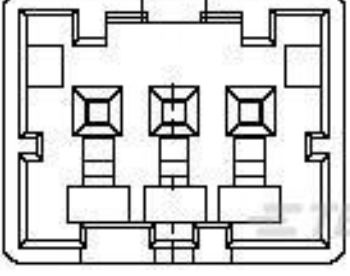
TE Part #1-174353-1
070 E-J MK2 PLATE 2P



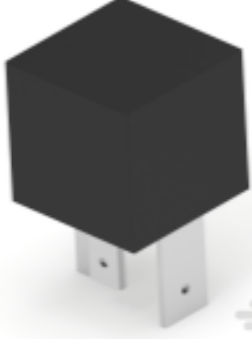
TE Part #1-174260-1
ECONO-J MK-2 LOCK PLATE CAP 4P



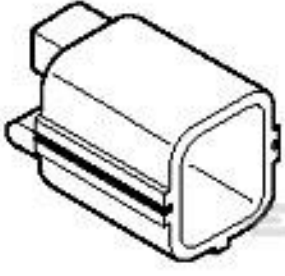
TE Part #CAT-EC7491-CH8172
ECONOSEAL, CONNECTOR HOUSING



TE Part #1903392-1
GIC 2.5 W CAP HSG 3P NATURAL



TE Part #7-1393306-1
V23134A1052X131-EV-CBOX



TE Part #1-174880-1
E-J MK-2 CAP HSG 1P NATURAL

Documents

Product Drawings

070 ECONOSEAL MARK-2 CAP 2P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_174354-2_E.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_174354-2_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_174354-2_E.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

English

Product 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

Agency Approvals

Agency Approval Document

English