2822638-1 ✔ ACTIVE

Econoseal

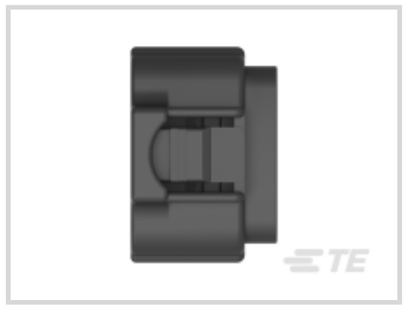
TE Internal #: 2822638-1

Housing for Female Terminals, Wire-to-Wire, 12 Position, 4.8 mm [.189 in] Centerline, Sealable, Black, Signal, Cable Mount (Free-Hanging)

View on TE.com >

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







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

Number of Positions: **12**

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

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

Sealable: **Yes**

All ECONOSEAL, CONNECTOR HOUSING (87)

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	12
Number of Rows	2

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	No
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	27.6 mm[1.08 in]
Product Width	33.2 mm[1.31 in]
Product Length	40.6 mm[1.6 in]
Row-to-Row Spacing	5.6 mm[.22 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	50
Packaging Method	Tray

Other

Connector Position Assurance Capable	No

Product Compliance

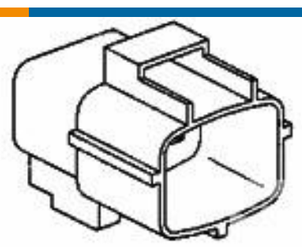
For compliance documentation, visit the product page on TE.com>

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: JUNE 2024 (241) 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 # 174663-2
12 POS HSG MARK II+

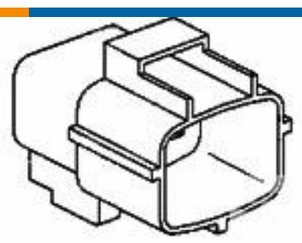


TE Part # 174662-7
12 POS PLUG MARK II+



TE Part # 1-174662-1
E-J MK-2 PLUG HSG 12P NATURAL

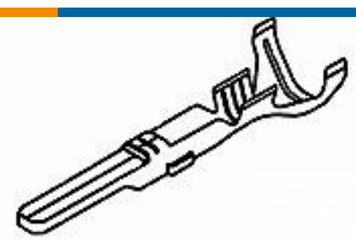
Customers Also Bought



TE Part #174663-2
12 POS HSG MARK II+



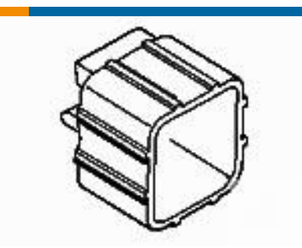
TE Part #174662-7
12 POS PLUG MARK II+



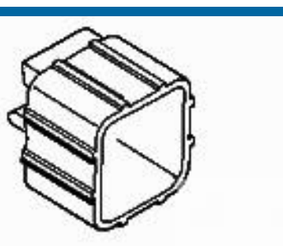
TE Part #171661-1
E-J MK-2 070 TAB CONT



TE Part #1326455-1
ASSY, PLUG, 2P SEALED, 2.8 MCP



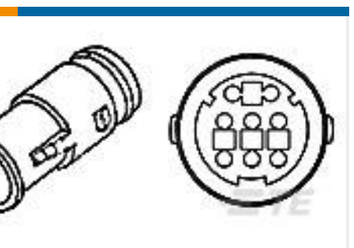
TE Part #174985-7
8 POS. DL PLATE FOR CAP MK II+



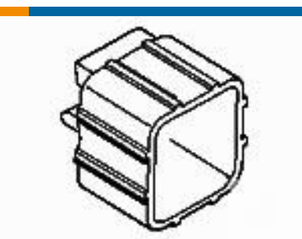
TE Part #174664-7
12 POS DL PLATE FOR CAP MKII+



TE Part #2822395-1
070 ECONOSEAL MARK-2+ PLUG 10P



TE Part #172192-1
ECONOSEAL-J CONN CAP 8P



TE Part #1-174664-1
E-J MK-2 CAP HSG 12P NATURAL



TE Part #1-174662-1
E-J MK-2 PLUG HSG 12P NATURAL

Documents

Product Drawings

070 ECONOSEAL MARK-2+ PLUG 12P

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2822638-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2822638-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2822638-1_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

English

Product Specification

Japanese

Agency Approvals

Agency Approval Document

English

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2-292161-3 2310537-1 917696-1 1-962915-1 175977-2 1969656-1 3631B101LL 650075-000 936348-1 MPT100C18RF SBCHE154R7K 1393431-1 141991-2 1903112-2 2005330-1 ROX05SJ18R SBCHE64R7K U5254-000005-030PA 2380312-2 2834055-1 3-1393225-0 CRGCQ2010J3K3 1-794222-0 1743455-2 CPF0402B37K4E1 SMW73R0JT TE50BR39J 3430B2F51RTDF RH73H2A40MKTN 2377783-2