



Econoseal

TE Internal #: 2822393-1

12 V, 8 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 4.8 mm [.189 in] Centerline, Sealable, Black, Wire & Cable, Power

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



Nominal Voltage Architecture: 12 V

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

Number of Positions: **8**

Sealable: **Yes**

Operating Temperature Range: -30 – 105 °C [-22 – 221 °F]

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

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 8 |
| Number of Rows | 2 |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 24 VDC |
|-------------------|--------|



| | |
|------------------------------|------|
| Nominal Voltage Architecture | 12 V |
|------------------------------|------|

Body Features

| | |
|-------------------------|-------|
| Cable Exit Angle | 180 ° |
| Primary Product Color | Black |
| Connector & Keying Code | 1 |

Contact Features

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|------------------|----------------|
| Contact Size | 1.8mm |
| Contact Type | Receptacle |
| Mating Tab Width | 1.8 mm[.07 in] |

Mechanical Attachment

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

Housing Features

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

Dimensions

| | |
|--------------------|------------------|
| Row-to-Row Spacing | 5.6 mm[.22 in] |
| Product Width | 27.6 mm[1.08 in] |
| Product Length | 31 mm[1.22 in] |
| Connector Height | 27.6 mm[1.08 in] |

Usage Conditions

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

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

Packaging Features



| | |
|--------------------|-----|
| Packaging Quantity | 100 |
| Packaging Method | Bag |

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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 # 174981-2
E-J MARK 2(+) PLUG HSG 8P

TE Part # 174983-7
8 POS DL PLATE FOR PLUG MKII+

TE Part # 174984-2
8 POS. CAP MK II+

Customers Also Bought



Documents

Product Drawings

[070 ECONOSEAL MARK-2+ PLUG 8P](#)

Japanese

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2822393-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2822393-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2822393-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Econoseal Connector Series

English

Product Specifications

Product Specification

English

Product Specification

Japanese

Agency Approvals

Agency Approval Document

English