



Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: 12 V

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

Number of Positions: 10

Sealable: **Yes**

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

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	10
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

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

Mechanical Attachment

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

Product Width	27.6 mm[1.08 in]
Row-to-Row Spacing	5.6 mm[.22 in]
Product Length	35.8 mm[1.4 in]
Connector Height	33.2 mm[1.31 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Method	Bag
Packaging Quantity	100

Other

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Connector Position Assurance Capable	No
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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



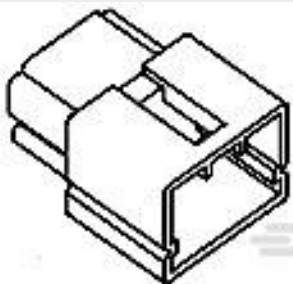
TE Part # 1-174656-1
E-J MK-2 PLUG HSG 10P NATURAL



TE Part # 174657-2
10 POS. CAP MK II +

Customers Also Bought





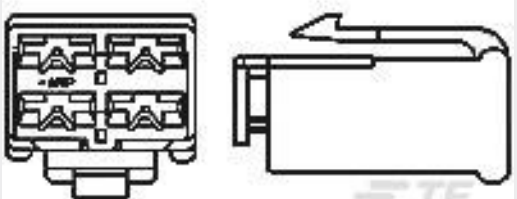
TE Part #172221-1
FF 250 REC HSG 4P NYLON NAT



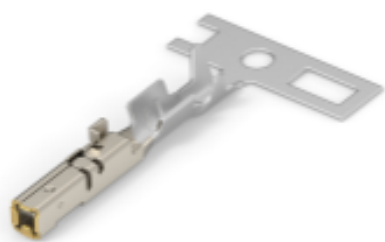
TE Part #174656-7
10 POS DL PLATE FOR PLUG MKII+



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



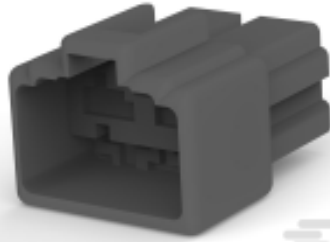
TE Part #178004-1
FF 250 PLUG HSG 4P NYLON NAT



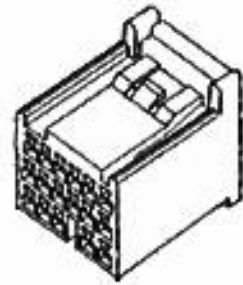
TE Part #1674311-8
0.64 III RCPT NON SEALED Au



TE Part #2321919-2
FRONT TPA PLUG HOUSING, 2 POS



TE Part #178007-2
FF 250 CAP 4P DBL ASSY.BLACK



TE Part #353027-1
040 H/D-3 PLUG HSG ASSY 17P

Documents

Product Drawings

070 ECONOSEAL MARK-2+ PLUG 10P

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2822395-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2822395-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2822395-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English

Product Specification

Japanese

Agency Approvals

Agency Approval Document

English

2822395-1

12 V, 10 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 4.8 mm [.189 in] Centerline, Sealable, Black, Wire & Cable, Power

