



TE Internal #: 1903608-4
 Housing for Female Terminals, 12 Position, .07 in / .062 in [1.6 mm / 1.8 mm] Centerline, Natural, Wire & Cable, Signal, Cable Mount (Free-Hanging)

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Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 12

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

Centerline (Pitch): 1.6 mm, 1.8 mm [.062 in, .07 in]

Sealable: **No**

Mating Tab Width: .5 mm [.019 in]

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Primary Product Color	Natural
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Contact Features



Contact Size	.5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm [.019 in]

Mechanical Attachment

Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT
Centerline (Pitch)	1.6 mm, 1.8 mm [.062 in] [.07 in]

Dimensions

Wire Size	.13 – .5 mm ²
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Usage Conditions

Operating Temperature (Max)	85 °C [185 °F]
Operating Temperature Range	-30 – 85 °C [-22 – 185 °F]

Operation/Application

Circuit Application	Signal
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Other

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

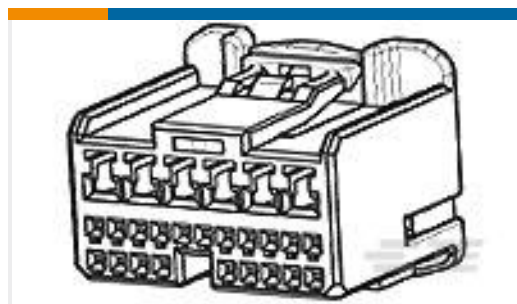
Product Compliance Disclaimer

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>

Customers Also Bought



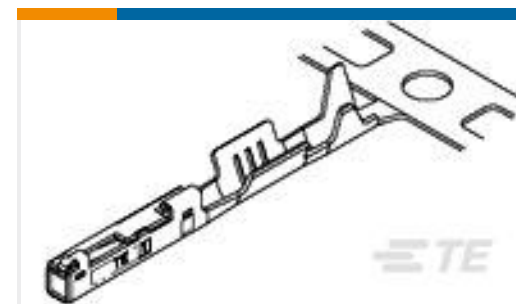
TE Part #1318750-2
025/090 CAP ASSY 50P



TE Part #1318756-2
025/090 ECU PLUG HSG ASSY 24P



TE Part #1903607-1
0.50 CONNECTOR SYSTEM,
CONNECTOR HOUSING



TE Part #1827855-1
0.50 SERIES CONNECTER
RECEPTACLE CONTACT



TE Part #1903608-2
0.50 SERIES CONN 12POS PLUG
HOUSING ASSY



TE Part #2260813-2
0.5/2.8 SEALED PLUG ASSY 62POS

Documents

Product Drawings

0.50 SERIES CONN 12POS PLUG HOUSING ASSY

Japanese

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1903608-4_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1903608-4_D.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_CVM_1903608-4_D.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

[Product Specification](#)

Japanese

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English

[Instruction Sheet \(non U.S.\)](#)

Japanese