



Connectors > Automotive Connectors > Automotive Housings > TH/.025 CONNECTOR SYSTEM, HOUSING



Number of Positions: 12

Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: .64 mm [.025 in]

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

Centerline (Pitch): 2.2 mm [.087 in]

[All TH/.025 Connector System, Housing \(171\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	No
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Gray

Contact Features

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Contact Size	.64mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.025 in]

Mechanical Attachment

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

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.2 mm[.087 in]

Dimensions

Row-to-Row Spacing	3 mm[.118 in]
Product Width	15.4 mm[.606 in]
Product Length	18.5 mm[.728 in]
Connector Height	15.3 mm[.602 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 94HB
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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	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>

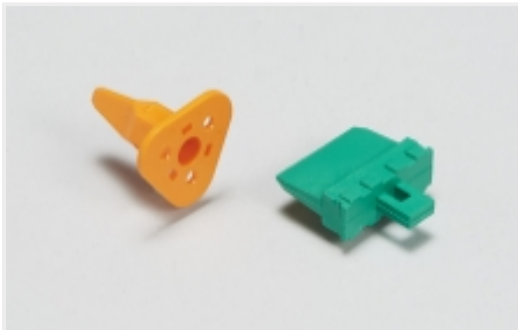
Compatible Parts



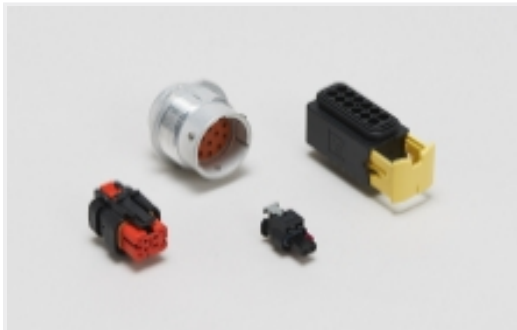
Also in the Series | 0.64/025 Connector System



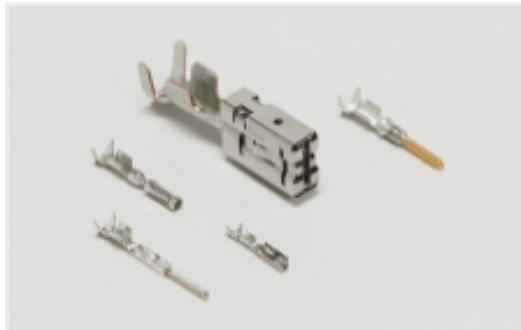
Automotive Connector Caps & Covers (5)



Automotive Connector Locks & Position Assurance (1)



Automotive Housings (120)



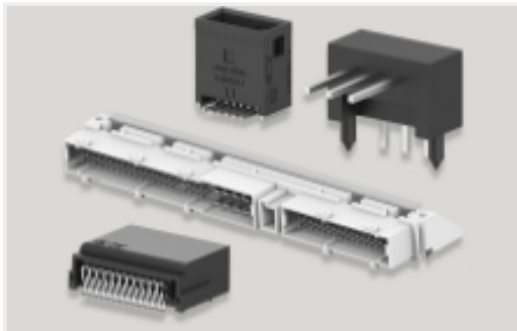
Automotive Terminals (17)



Connector Seals & Cavity Plugs (1)



Other Automotive Connector Accessories (4)



PCB Headers & Receptacles (149)

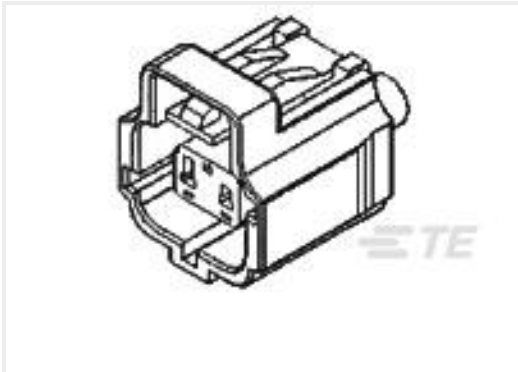


Rectangular Power Connectors (6)

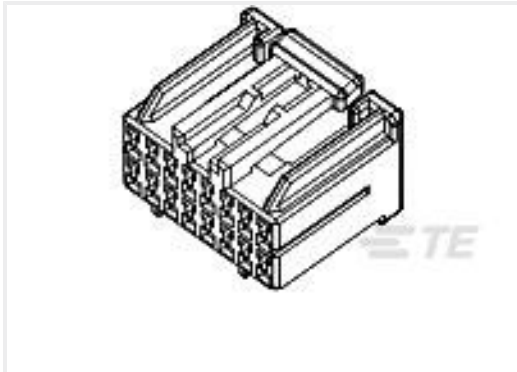
Customers Also Bought



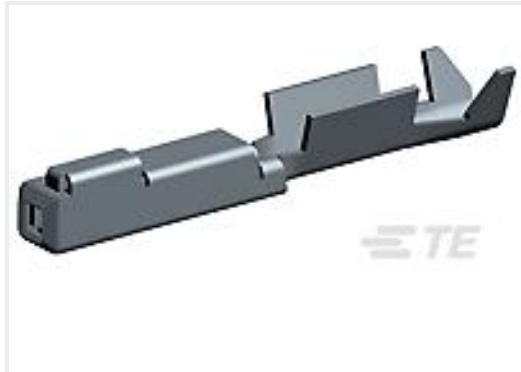
TE Part #CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM,
HOUSING



TE Part #6-178449-6
EJ-2 DBL LOCK PLUG 2P ASSY



TE Part #6-917992-6
HYBRID MK-2 PLUG HSG ASSY 26P



TE Part #2040168-2
0.64 RCPT SEALED AU STRIP(L SIZE)



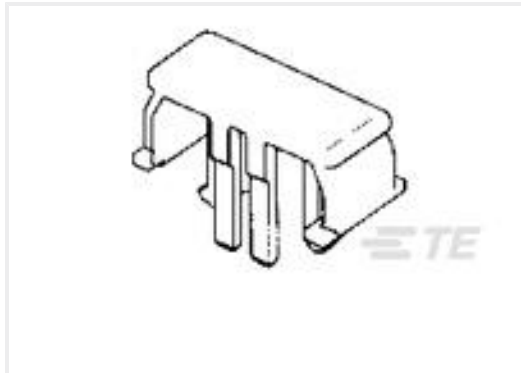
TE Part #2005216-6
MCP 2.8 RETAINER HSG



TE Part #1456570-1
SUB-ASSY, PLUG, 2.8/6.3, 38 WAY, ABS



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



TE Part #1376031-1
SQUIB CONN IIDIA LOCK BUTTON

Documents

Product Drawings

0.64III 12POS PLUG ASSY Short GY

English

CAD Files

Customer View Model

ENG_CVM_CVM_1746872-2_C.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1746872-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1746872-2_C.3d_stp.zip](#)

English

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

Product Specifications

[CRIMPING OF 0.64III RECEPTACLE CONTACT](#)

Japanese

[Application Specification](#)

Japanese

Instruction Sheets

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

English

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

Japanese

[Extraction Tool for 0.64III Housing Lance Receptacle Contact](#)

Japanese

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

Japanese