

1717109-1 ✓ ACTIVE



## TH/.025 Connector System

TE Internal #: 1717109-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 16 Position, .087 in [2.2 mm] Centerline, TH/.025 Connector System

[View on TE.com >](#)

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



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

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

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

Number of Positions: **16**

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

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(217\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	16
Number of Rows	2

### Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

### Body Features

Cable Exit Angle	180°
Primary Product Color	Natural

### Contact Features



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

#### Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
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

Connector Height	15.8 mm[.622 in]
Product Width	19.8 mm[.78 in]
Product Length	21 mm[.827 in]
Row-to-Row Spacing	4 mm[.157 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

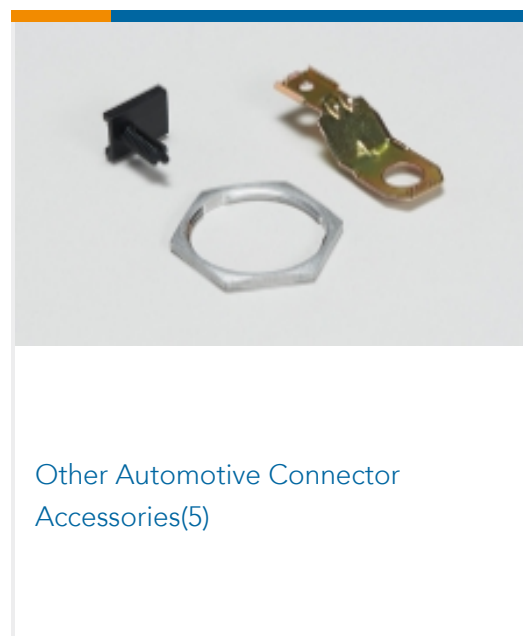
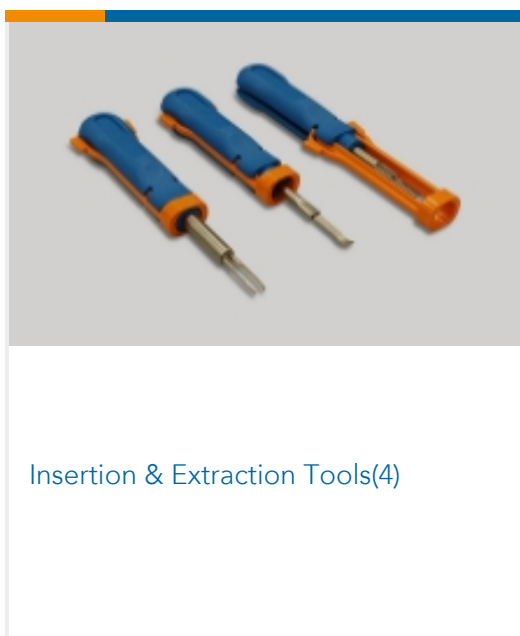
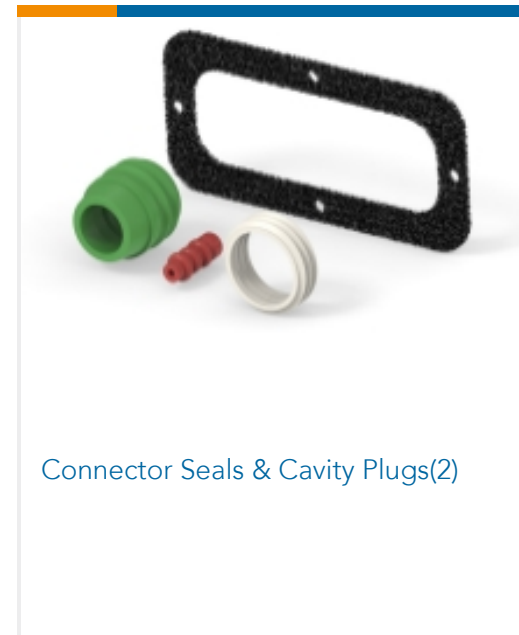
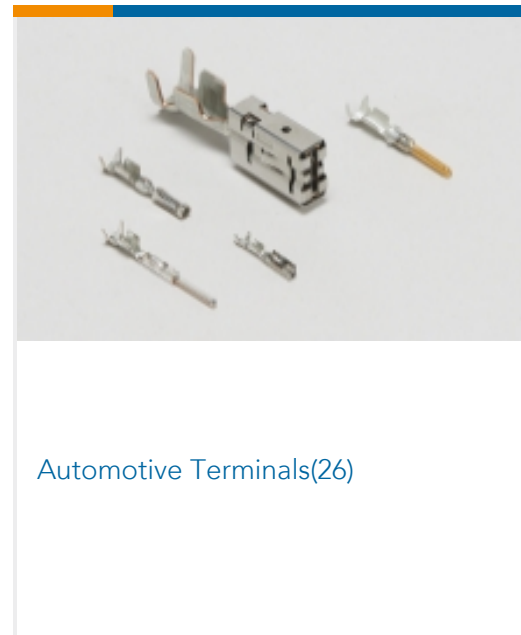
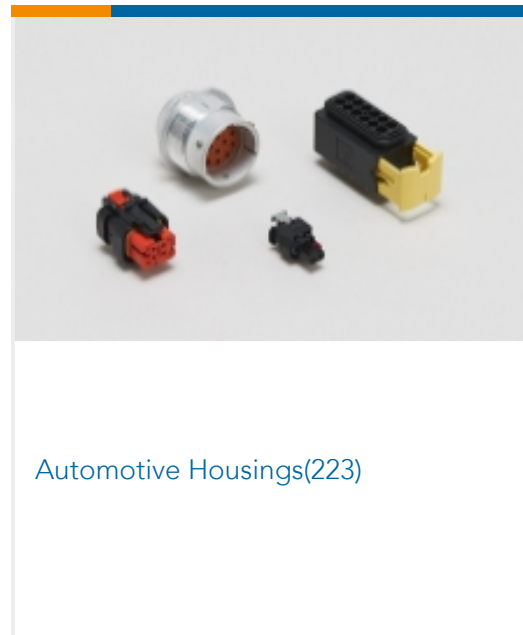
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # CAT-SIGH262 Signal Header</p>	 <p>TE Part # CAT-T319-CH8172 TH/.025 CONNECTOR SYSTEM, HOUSING</p>	 <p>TE Part # CAT-PFSMTH9264 Press-Fit &amp; SMT Header</p>	 <p>TE Part # CAT-T319-T273 TH/.025 CONNECTOR SYSTEM, RECPT AND TAB</p>
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## Also in the Series | TH/.025 Connector System



## Customers Also Bought





## Documents

### Product Drawings

#### 0.64 III 16POS PLUG ASSY

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

##### ENG\_CVM\_CVM\_1717109-1\_B.2d\_dxf.zip

English

#### Customer View Model

##### ENG\_CVM\_CVM\_1717109-1\_B.3d\_igs.zip

English

#### Customer View Model

##### ENG\_CVM\_CVM\_1717109-1\_B.3d\_stp.zip

English

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

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### Datasheets & Catalog Pages

#### TH/.025 Connector Series

English

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### Product Specifications

#### CRIMPING OF 0.64III RECEPTACLE CONTACT

Japanese

#### Application Specification

Japanese

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### 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