

1318917-1 ✓ ACTIVE

AMP | TH/.025 Connector System

TE Internal #: 1318917-1

Housing for Female Terminals, Wire-to-Wire / Wire-to-Board / Wire-to-Device, 24 Position, .087 in [2.2 mm] Centerline, TH/.025

Connector System

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector 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: **24**

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

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(202\)](#)

Features

Product Type Features

Connector & Housing 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	On the Terminal

Configuration Features

Number of Positions	24
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V



Body Features

Cable Exit Angle	180°
Body Material	PBT
Primary Product Color	Natural

Contact Features

Contact Size	.63mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.025 in]

Mechanical Attachment

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

Housing Features

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

Product Width	28.6 mm[1.126 in]
Product Length	21 mm[.827 in]
Product Height	15.8 mm[.622 in]
Row-to-Row Spacing	5.9 mm[.232 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
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Packaging Method	Bag
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Other

Serviceable	Yes
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM,
HOUSING



TE Part # CAT-PFSMTH9264
PRESS-FIT & SMT HEADER



TE Part # CAT-SIGH262
SIGNAL HEADER



TE Part # 1123343-1
025 REC CONTACT



TE Part # CAT-HPCH5372
HIGH PIN COUNT HEADER



TE Part # 2237067-3
24POS, TAB0.64X0.64, HDR ASSY, 90
DEG, SMD




TE Part # 2237067-4
24POS, TAB0.64X0.64, HDR ASSY, 90
DEG, SMD




TE Part # 6318853-3
025 24 pos Cap Assy H 4 Au

Also in the Series | TH/.025 Connector System




Automotive Connector Caps & Covers
(6)




Automotive Housings(203)




Automotive Seals & Cavity Plugs(2)



Automotive Terminals(25)



Insertion & Extraction Tools(4)



Other Automotive Connector
Accessories(5)




PCB Headers & Receptacles(144)

Customers Also Bought



TE Part #1376103-1
TH/.025 CONNECTOR SYSTEM,
HOUSING



TE Part #1-2273113-1
M12 strgt plug to M12 strgt socket AA



TE Part #173630-2
070 REC CONTACT 24-22



TE Part #2272431-2
1X6 GET UNSLD SIDE LATCH PLUG,
KEY B



Documents

Product Drawings

025 ECU PLUG HSG ASSY 24P

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1318917-1_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1318917-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1318917-1_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

TH/.025 Connector Series

English

Product Specifications

Crimping of 025 Receptacle Contact

Japanese

Application Specification

Japanese



Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

Japanese

025 Wire to Wire Connector

Japanese

Instruction Sheet (non U.S.)

Japanese

025 Wire to Wire Connector

Japanese

025 G Wire to Wire Connector

Japanese

Instruction Sheet (non U.S.)

Japanese

025 G Wire to Wire Connector

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Instruction Sheet (non U.S.)

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Japanese