

1318389-1 ✓ ACTIVE

AMP | TH/.025 Connector System

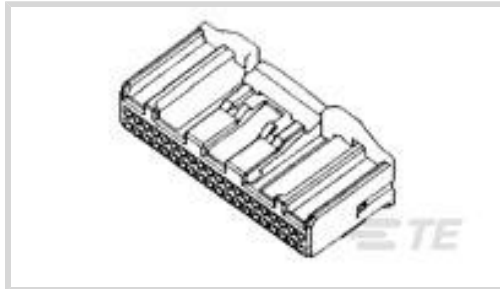
TE Internal #: 1318389-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 40 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: **40**

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	On the Terminal

Configuration Features

Number of Positions	40
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	.63mm
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	46.2 mm[1.819 in]
Product Length	21 mm[.827 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
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-HPCH5372 High Pin Count Header</p>	 <p>TE Part # CAT-T319-T273 TH/.025 CONNECTOR SYSTEM, RECPT AND TAB</p>	 <p>TE Part # 2209908-1 025 40POSTION CAP ASSY(V-TYPE)</p>
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TE Part # 2322791-1
40POS,TAB0.64X0.64,HDR ASSY,
90DEG



TE Part # 2322791-3
40POS,TAB0.64X0.64,HDR ASSY,
90DEG



TE Part # 1-1318384-8
025 40POS CAP ASSY H 12Au

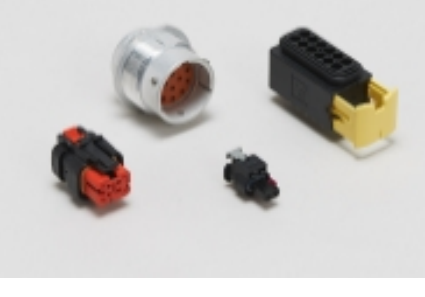


TE Part # 1318384-5
025 40POS CAP ASSY H AU

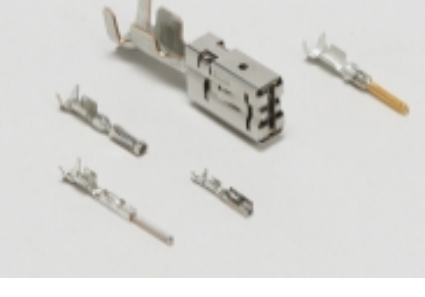
Also in the Series | TH/.025 Connector System




Automotive Connector Caps & Covers
(6)




Automotive Housings(223)




Automotive Terminals(26)



Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(4)

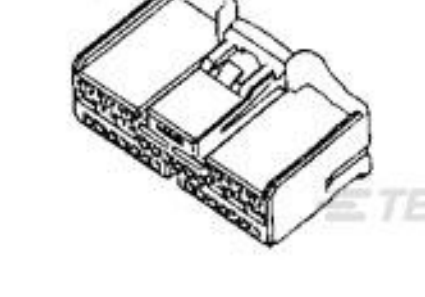


Other Automotive Connector
Accessories(5)



PCB Headers & Receptacles(163)

Customers Also Bought



TE Part #1376360-1
025/090 26P PLUG ASSY




TE Part #1473898-5
Signal Header




TE Part #2260316-2
0.5/1.0/2.8 SEALED CONN. 248P CAP
ASSY




TE Part #2305881-1
CVTY PLUG,090 SERIES,CVTY DIA,1,
GRY




TE Part #1554287-6
0.50 CONN 40P CAP ASSY KEYING
TYPE2



TE Part #1674936-6
0.64 III RCPT NON SEALED Au (S)



TE Part #2314128-1
WIFI ANTENNA ASSEMBLY



TE Part #2363915-1
HVP800 3P HEADER ASSY



Documents

Product Drawings

[025 ECU PLUG HSG ASSY 40P](#)

Japanese

CAD Files

Customer View Model

[ENG_CVM_CVM_1318389-1_B.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1318389-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1318389-1_B.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

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

[Agency Approvals](#)

[Agency Approval Document](#)

English