

1318389-1 ✓ ACTIVE

AMP | 0.64/025 Connector System

TE Internal #: 1318389-1

12 V, 40 Position, Automotive Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 0.64/025 Connector System

[View on TE.com >](#)



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



Nominal Voltage Architecture: 12 V

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

Number of Positions: **40**

Sealable: **No**

Operating Temperature Range: -30 – 105 °C [ -22 – 221 °F ]

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(167\)](#)

## Features

### Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	Locking Lance
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	40
Number of Rows	2

### Electrical Characteristics

Operating Voltage	12 VDC
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Nominal Voltage Architecture	12 V
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### Body Features

Cable Exit Angle	180 °
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Primary Product Color	Natural
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### Contact Features

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

Strain Relief	Without
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Terminal Position Assurance	No
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Mating Alignment Type	Polarization
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

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

Row-to-Row Spacing	3 mm[.118 in]
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Product Width	21 mm[.83 in]
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Product Length	46.2 mm[1.82 in]
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Connector Height	15.8 mm[.62 in]
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### Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operating Temperature (Max)	105 °C[221 °F]
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### 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

**Other**

Serviceable	No
Connector Position Assurance Capable	No

**Product Compliance**

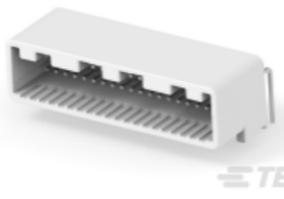
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

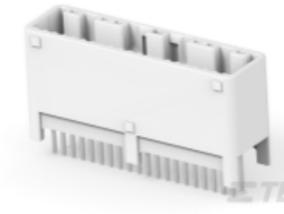
**Product Compliance Disclaimer**

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**

TE Part # 2322791-1  
40POS,TAB0.64X0.64,HDR ASSY,  
90DEG



TE Part # 2209908-1  
025 40POSITION CAP ASSY(V-TYPE)



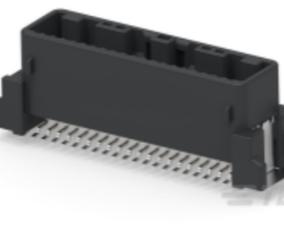
TE Part # 2322791-4  
40POS,TAB0.64X0.64,HDR ASSY,  
90DEG



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



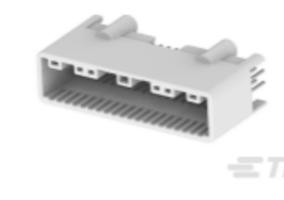
TE Part # CAT-SIGH262  
Signal Header



TE Part # 2321996-1  
0.64 SMD 40POSITION CAP  
ASSEMBLY V-TYPE



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



TE Part # 2377920-1  
40POS,TAB0.64X0.64,HDR ASSY,  
180DEG



TE Part # 2-2322791-3  
40POS,TAB0.64X0.64,HDR ASSY,  
90DEG



TE Part # CAT-T319-T273  
TH/.025 CONNECTOR SYSTEM,  
RECP AND TAB



TE Part # 2322791-2  
40POS,TAB0.64X0.64,HDR ASSY,  
90DEG

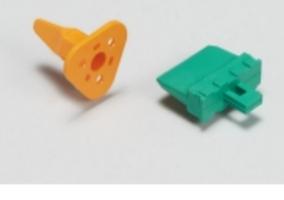


TE Part # 1318384-5  
025 40POS CAP ASSY H AU



TE Part # CAT-HPCH5372  
High Pin Count Header

Also in the Series | **0.64/025 Connector System**



Automotive Connector Locks &  
Position Assurance(1)



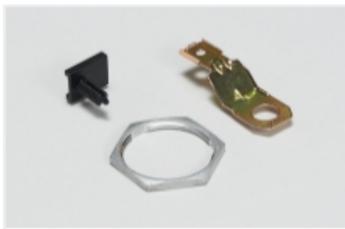
Automotive Housings(173)



Automotive Seals & Cavity Plugs(2)



Automotive Signal & Power Connector  
Housings(173)



Other Automotive Connector Accessories(4)

## Customers Also Bought

TE Part #5-146274-4  
04 MODII HDR SRST B/A .100CLTE Part #CAT-SIGH262  
Signal HeaderTE Part #CAT-T319-T273  
TH/.025 CONNECTOR SYSTEM,  
RECPT AND TABTE Part #2-1633917-8  
ANVIL, COMBINATIONTE Part #1633965-8  
CRIMPER, INSUL O PREMIUMTE Part #1803179-2  
CRIMPER, WIRE F PREMIUMTE Part #2237022-1  
16P 025 CAP ASSYTE Part #2237023-1  
40P 025 CAP 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.



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### Product Specifications

#### Crimping of 025 Receptacle Contact

Japanese

#### Application Specification

Japanese

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### Instruction Sheets

#### Instruction Sheet (non U.S.)

Japanese

#### Instruction Sheet (non U.S.)

English

#### Instruction Sheet (non U.S.)

English

#### Instruction Sheet (non U.S.)

English

#### Instruction Sheet (non U.S.)

Japanese

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### Agency Approvals

#### Agency Approval Document

English