# 1318389-1 ✔ ACTIVE

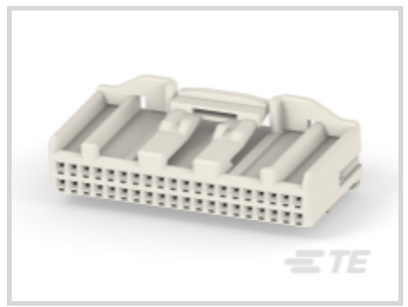
AMP | 0.64/025 Connector System

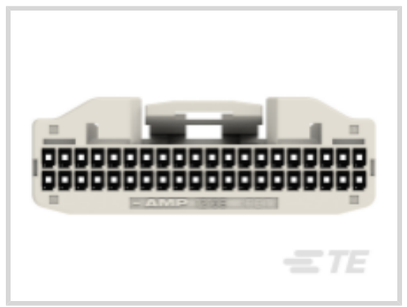
TE Internal #: 1318389-1

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 |

| | |
|---|---|
| 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

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

## Housing Features

| | |
|---|---|
| Housing Material | Polybutylene Terephthalate (PBT) |
| Centerline (Pitch) | 2.2 mm[.087 in] |

## Dimensions

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

## Usage Conditions

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

## Operation/Application

| | |
|---|---|
| Circuit Application | Signal |

## Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94HB |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 100 |

| | |
|---|---|
| Packaging Method | Bag |

### Other

| | |
|---|---|
| Serviceable | No |
| Connector Position Assurance Capable | No |

## Product Compliance

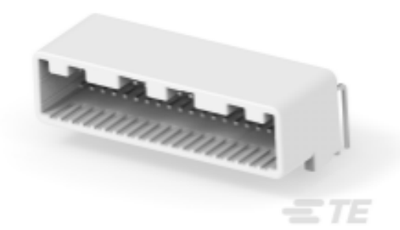
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 |

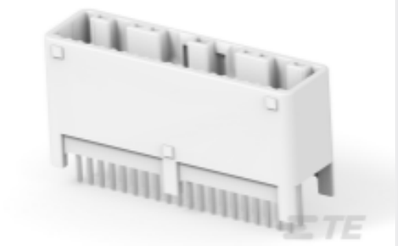
Product Compliance Disclaimer

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

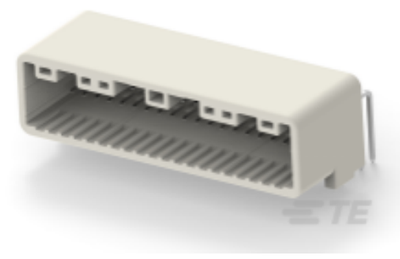


TE Part # 2209908-1
025 40POSTION CAP ASSY(V-TYPE)

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



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



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



TE Part # CAT-HPCH5372
High Pin Count Header



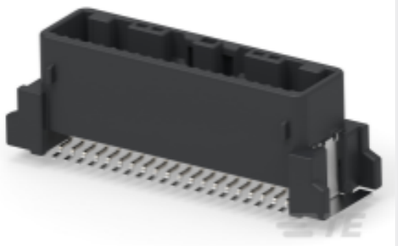
TE Part # 1-1318384-8
025 40POS CAP ASSY H 12Au



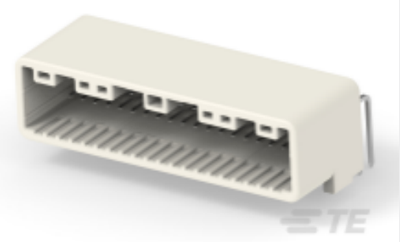
TE Part # CAT-SIGH262
Signal Header



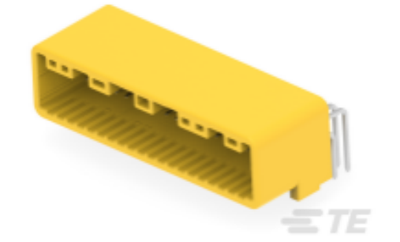
TE Part # 2377920-1
40POS,TAB0.64X0.64,HDR ASSY, 180DEG



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



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

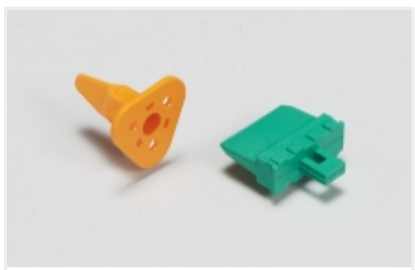


TE Part # 2-2322791-3
40POS,TAB0.64X0.64,HDR ASSY, 90DEG



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

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



Automotive Connector Locks & Position Assurance(1)



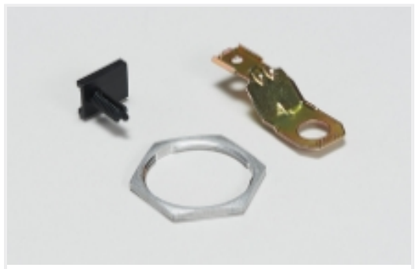
Automotive Housings(173)



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 .100CL



TE Part #CAT-SIGH262
Signal Header



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




TE Part #2-1633917-8
ANVIL, COMBINATION



TE Part #1633965-8
CRIMPER, INSUL O PREMIUM



TE Part #1803179-2
CRIMPER, WIRE F PREMIUM



TE Part #2237022-1
16P 025 CAP ASSY



TE 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.

## Product Specifications

### Crimping of 025 Receptacle Contact

Japanese

### Application Specification

Japanese

## 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

## Agency Approvals

### Agency Approval Document

English