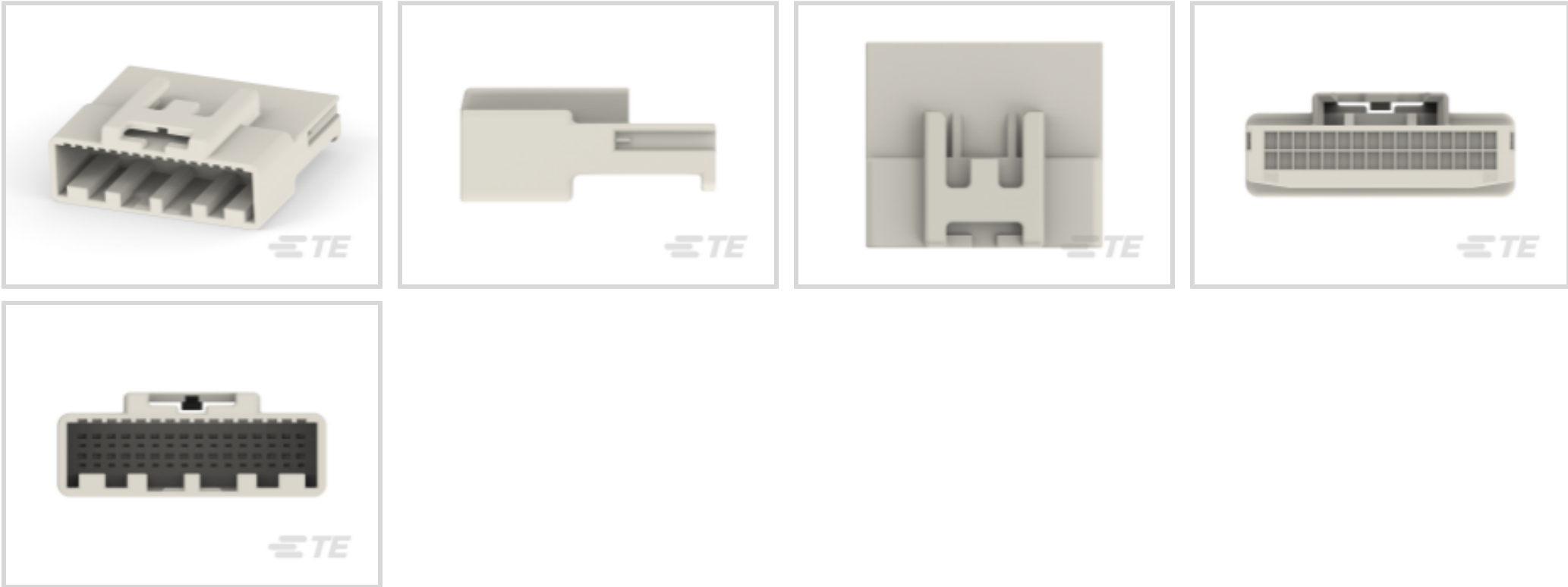




Automotive Parts > Automotive Connectors > Automotive Housings > TH/.025 CONNECTOR SYSTEM, HOUSING



Nominal Voltage Architecture: 12 V

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

Number of Positions: **32**

Sealable: **No**

Operating Temperature Range: -30 – 80 °C [-22 – 176 °F]

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(168\)](#)

Features

Product Type Features

| | |
|-----------------------------------|----------------------------|
| Mixed & Hybrid Connector | No |
| Connector Shape | Rectangular |
| Connector & Housing Type | Housing for Male Terminals |
| Sealable | No |
| Primary Locking Feature | On the Terminal |
| Connector System | Wire-to-Wire |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 32 |
| 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 | Tab |
| Mating Tab Width | .64 mm[.025 in] |

Mechanical Attachment

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

Housing Features

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

Dimensions

| | |
|--------------------|-------------------|
| Row-to-Row Spacing | 4.24 mm[.167 in] |
| Product Width | 40.6 mm[1.598 in] |
| Product Length | 35.2 mm[1.386 in] |
| Connector Height | 15.8 mm[.622 in] |

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -30 – 80 °C[-22 – 176 °F] |
| Operating Temperature (Max) | 80 °C[176 °F] |

Operation/Application

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

Industry Standards

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

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 | 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: JAN 2025 (247) 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 # 1473806-1
025 IDC 32POS LOCK HSG



TE Part # CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM,
HOUSING




TE Part # 1717250-1
025 IDC 16POS PLUG ASSY


Also in the Series | 0.64/025 Connector System



Automotive Connector Locks & Position Assurance(1)



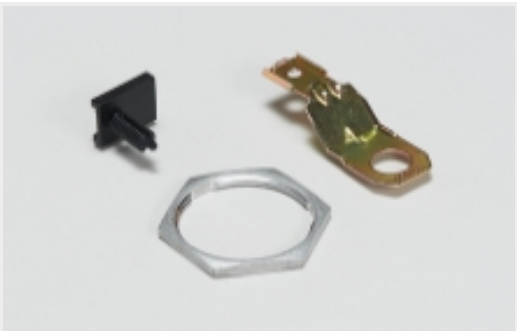
Automotive Housings(174)



Automotive Seals & Cavity Plugs(2)




Automotive Signal & Power Connector Housings(174)



Other Automotive Connector Accessories(4)

Customers Also Bought



TE Part #3-640426-9
09P MTA156 CONN ASSY 18AWG
ORA



TE Part #CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM,
HOUSING



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



TE Part #1801600-2
RECEPTACLE HOUSING, MCON, 10
W, SEALED



TE Part #2005098-1
025 TAB CONTACT(SS)



TE Part #3-2176156-8
TLM 1206 0.5W R10 1% 50PPM 5K RL



TE Part #1-2308346-6
FULL METAL HOODS SIZE 5 - 6 (RAW)



TE Part #2822395-1
070 ECONOSEAL MARK-2+ PLUG 10P



Documents

Product Drawings

025 IDC 32POS CAP ASSY W TO W

English

CAD Files

Customer View Model

ENG_CVM_CVM_1473799-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1473799-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1473799-1_A.3d_stp.zip

English

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

Product Specifications

Application Specification

Japanese

.025 IDC Connectors

Japanese

Application Specification

Japanese

Instruction Sheets

025 WIRE TO WIRE MALE CONNECTOR

Japanese

Instruction Sheet (non U.S.)

Japanese

025 WIRE TO WIRE MALE CONNECTOR

Japanese

Instruction Sheet (non U.S.)

Japanese