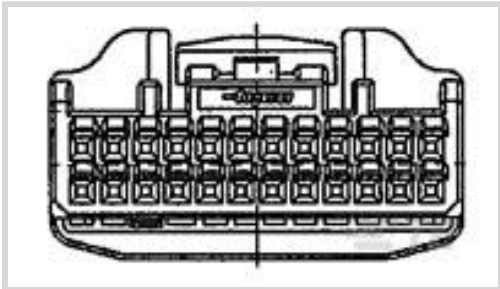




Connectors > Automotive Connectors > Automotive Housings > TH/.025 CONNECTOR SYSTEM, HOUSING



Connector System: Wire-to-Board, Wire-to-Device

Number of Positions: 40

Connector & Housing Type: Housing for Female Terminals

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

Sealable: No

[All TH/.025 Connector System, Housing \(192\)](#)

Features

Product Type Features

|                          |                               |
|--------------------------|-------------------------------|
| Mixed & Hybrid Connector | No                            |
| Connector Shape          | Rectangular                   |
| Connector System         | Wire-to-Board, Wire-to-Device |
| Connector & Housing Type | Housing for Female Terminals  |
| Sealable                 | No                            |
| Primary Locking Feature  | Integrated in Housing         |

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

|                             |                            |
|-----------------------------|----------------------------|
| 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 | .75 mm, 4 mm, 4.5 mm[.03 in][.157 in][.177 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 |
|---------------------|--------|

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

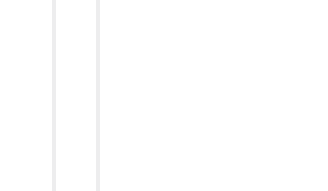
For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                     |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                     |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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

|                                                                                                                               |                                                                                                                                        |                                                                                                                                         |                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # CAT-SIGH262<br>Signal Header | <br>TE Part # CAT-HPCH5372<br>High Pin Count Header | <br>TE Part # 1674313-1<br>0.64 III 40POS PLUG HSG | <br>TE Part # 1674314-1<br>0.64 III 40POS PLUG DBL PL |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|



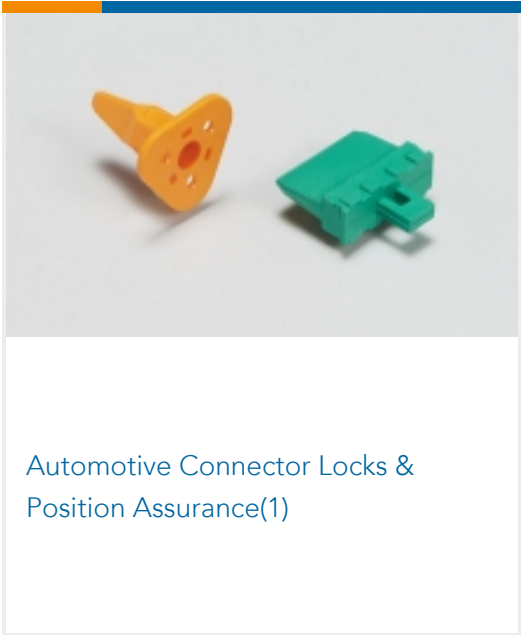


TE Part # 1318384-5  
025 40POS CAP ASSY H AU

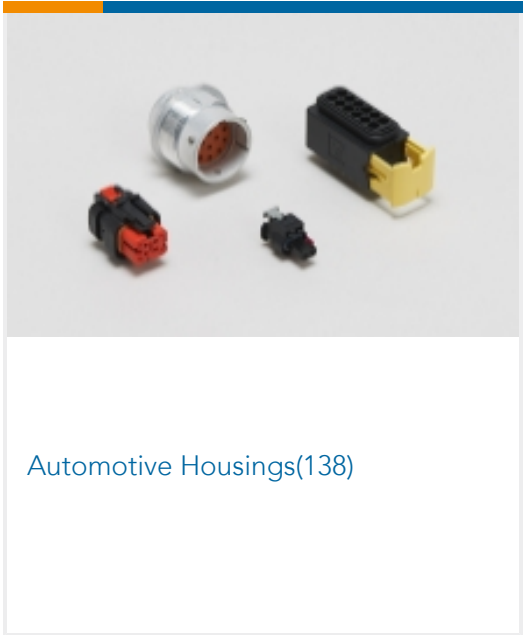
Also in the Series | 0.64/025 Connector System



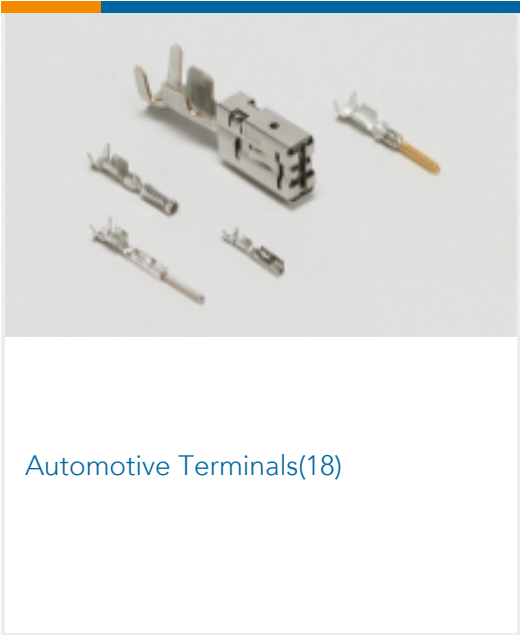
Automotive Connector Caps & Covers (5)



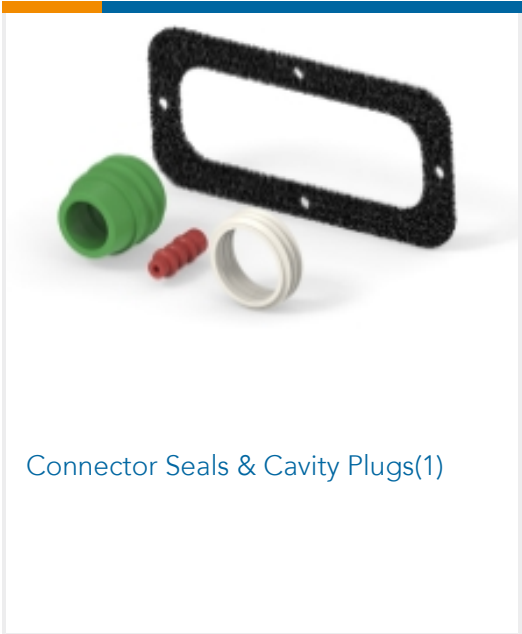
Automotive Connector Locks & Position Assurance(1)



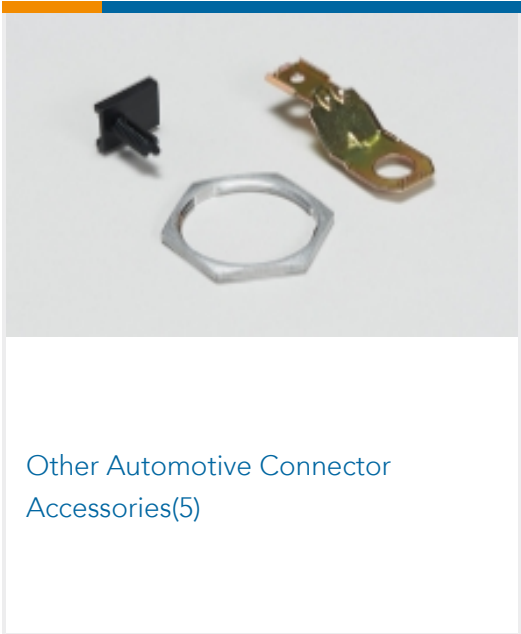
Automotive Housings(138)



Automotive Terminals(18)



Connector Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(217)

Customers Also Bought



TE Part # 1674312-2  
TH/.025 CONNECTOR SYSTEM, HOUSING



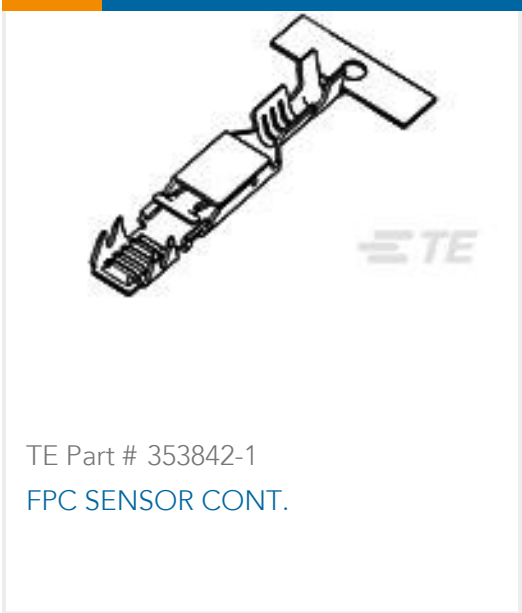
TE Part # 170456-1  
PL 250 AUTOMOTIVE REC 12-10 0.40 X 21 BR



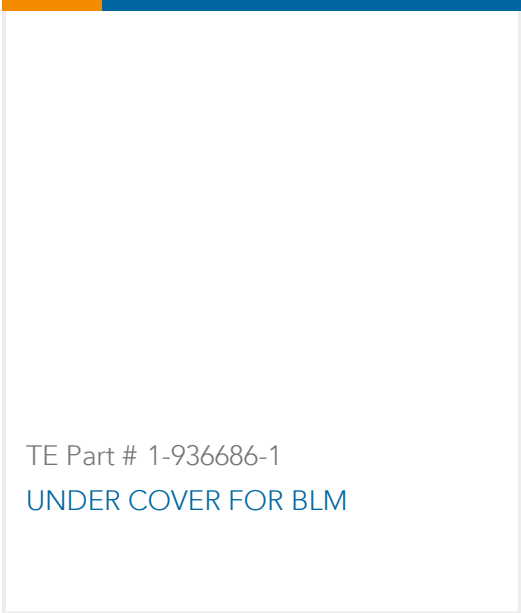
TE Part # 1612122-1  
SQUIB LOCKING BUTTON



TE Part # 2367826-4  
84POS,0.5 SERIES,REC HSG ASSY,SLD



TE Part # 353842-1  
FPC SENSOR CONT.



TE Part # 1-936686-1  
UNDER COVER FOR BLM



Documents

Product Drawings

0.64 III 40POS PLUG ASSY

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1674312-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1674312-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1674312-1\_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 0.64III RECEPTACLE CONTACT

Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese

Extraction Tool for 0.64III Housing Lance Receptacle Contact

Japanese

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

English