



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



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

Number of Positions: **60**

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

Centerline (Pitch): **3 mm, 4.8 mm, 5 mm [ .118 in, .189 in, .197 in ]**

Sealable: **Yes**

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(192\)](#)

Features

Product Type Features

|                          |                               |
|--------------------------|-------------------------------|
| Mixed & Hybrid Connector | Yes                           |
| Connector Shape          | Rectangular                   |
| Connector System         | Wire-to-Board, Wire-to-Device |
| Connector & Housing Type | Housing for Female Terminals  |
| Sealable                 | Yes                           |
| Primary Locking Feature  | Integrated in Housing         |

Configuration Features

|                     |      |
|---------------------|------|
| Number of Positions | 60   |
| Number of Rows      | 4, 6 |

Electrical Characteristics

|                              |        |
|------------------------------|--------|
| Operating Voltage            | 12 VDC |
| Nominal Voltage Architecture | 12 V   |

Body Features

|                       |       |
|-----------------------|-------|
| Cable Exit Angle      | 180°  |
| Primary Product Color | Black |

Contact Features

|              |              |
|--------------|--------------|
| Contact Size | .64mm, 2.3mm |
|--------------|--------------|



|                  |                                 |
|------------------|---------------------------------|
| Contact Type     | Receptacle                      |
| Mating Tab Width | .64 mm, 2.3 mm[.025 in][.09 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 GF                                        |
| Centerline (Pitch) | 3 mm, 4.8 mm, 5 mm[.118 in][.189 in][.197 in] |

Dimensions

|                    |                   |
|--------------------|-------------------|
| Connector Height   | 41.6 mm[1.638 in] |
| Product Width      | 70.5 mm[2.778 in] |
| Product Length     | 36 mm[1.417 in]   |
| Row-to-Row Spacing | 3 mm[.118 in]     |

Usage Conditions

|                             |                                                                                                                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Temperature (Max) | 70 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F] |
| Operating Temperature Range | -40 - 140 °C[-40 - 284 °F]                                                                                                                                                         |

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |    |
|--------------------|----|
| Packaging Quantity | 24 |
|--------------------|----|

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



TE Part # 1746817-1  
SEALED EFI ECU 60P PLUG WIRE COVER



TE Part # 1747142-1  
SEALED EFI ECU 60POS LEVER R



TE Part # 1612288-1  
SEALED 0.64/2.3II 60POS LEVER



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



TE Part # 1939393-1  
0.64/2.3II SEALED CLIP



TE Part # 1747139-1  
SEALED EFI ECU 126POS LEVER R



TE Part # 1827114-1  
WIRE COVER 60P TYPE-II



TE Part # 1981831-1  
WIRECOVER 126P TYPE VI 0.64/2.3II SEALED



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 # 1746817-1  
SEALED EFI ECU 60P PLUG WIRE  
COVER

TE Part # 1747142-1  
SEALED EFI ECU 60POS LEVER R

TE Part # 1376235-1  
MQS SOCKET HSG 3P ASSY

TE Part # 1746875-1  
TH/.025 CONNECTOR SYSTEM,  
HOUSING

TE Part # 1746816-1  
0.64/2.3II SEALED CONNECTOR  
126POS WIRE

TE Part # 2013360-2  
0.50/1.0 SEALED WIRE COVER 140POS

TE Part # 1318620-3  
025 ANCHOR HEIGHT SENSOR 4POS  
PLUG HSG

TE Part # 1318620-4  
025 ANCHOR HEIGHT SENSOR 4POS  
PLUG HSG

TE Part # 1939938-1  
0.50/1.0 SEALED PLUG ASSY 60POS



Documents

Product Drawings

SEALED EFI ECU 0.64/2.3II 60POS PLUG ASS

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_1747140-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1747140-1\_A.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_1747140-1\_A.2d\_dxf.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 SEALED 0.64 RECEPTACLE

Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese