1747140-1 ✓ ACTIVE

AMP | TH/.025 Connector System

TE Internal #: 1747140-1

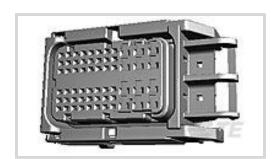
Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 60

Position, TH/.025 Connector System

View on TE.com >



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 (217)

Features

Product Type Features

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°

Black

.64mm, 2.3mm

Primary Product Color

Contact Features

Contact Size



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]
	110 °C, 120 °C, 125 °C, 130 °C, 140 °C[158 ° F][167 °F][176 °F][185 °F][194 °F][212 °F][221
Operating Temperature (Max)	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 (Max) Operating Temperature Range	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 (Max) Operating Temperature Range Operation/Application	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] -40 - 140 °C[-40 - 284 °F]
Operating Temperature (Max) Operating Temperature Range Operation/Application Circuit Application	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] -40 – 140 °C[-40 – 284 °F]
Operating Temperature (Max) Operating Temperature Range Operation/Application Circuit Application Industry Standards	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] -40 - 140 °C[-40 - 284 °F] Signal
Operating Temperature (Max) Operating Temperature Range Operation/Application Circuit Application Industry Standards UL Flammability Rating	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] -40 - 140 °C[-40 - 284 °F] Signal
Operating Temperature (Max) Operating Temperature Range Operation/Application Circuit Application Industry Standards UL Flammability Rating Packaging Features	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] -40 – 140 °C[-40 – 284 °F] Signal UL 94HB
Operating Temperature (Max) Operating Temperature Range Operation/Application Circuit Application Industry Standards UL Flammability Rating Packaging Features Packaging Quantity	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] -40 – 140 °C[-40 – 284 °F] Signal UL 94HB

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

















Also in the Series | TH/.025 Connector System



Automotive Connector Caps & Covers (6)



Automotive Housings(223)



Automotive Terminals(26)

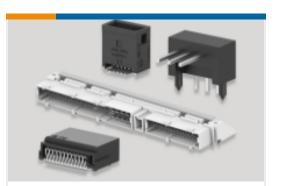




Insertion & Extraction Tools(4)



Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(163)

Customers Also Bought



TE Part #1717112-1
TH/.025 CONNECTOR SYSTEM,
HOUSING



TE Part #6-176146-6 .187 PLUG HSG ASSY 2P GRAY



TE Part #1565963-2 040III TAB NON SEALED AU



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



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

Product Specification

Japanese

Product Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

Japanese