1746863-1 ✔ ACTIVE

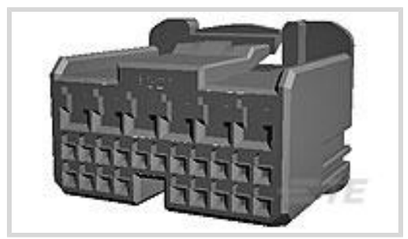
AMP | 0.64/025 Connector System

TE Internal #: 1746863-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 26 Position, 0.64/025 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: **26**

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

Centerline (Pitch): **2.2 mm, 4 mm, 6.6 mm [.087 in, .157 in, .26 in]**

Sealable: **No**

All TH/.025 CONNECTOR SYSTEM, HOUSING (178)

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	No
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	26
Number of Rows	2, 3

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, 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
Centerline (Pitch)	2.2 mm, 4 mm, 6.6 mm[.087 in][.157 in][.26 in]

Dimensions

Connector Height	20.9 mm[.823 in]
Product Width	26.8 mm[1.055 in]
Product Length	22 mm[.866 in]
Row-to-Row Spacing	3 mm[.118 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	Box

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

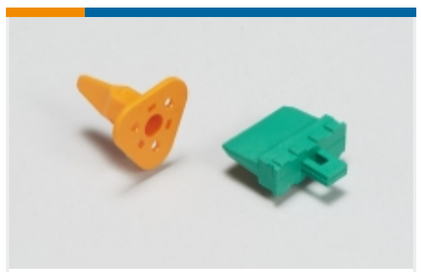


TE Part # CAT-HPCH5372
High Pin Count Header

Also in the Series | 0.64/025 Connector System



Automotive Connector Caps & Covers (5)



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(127)



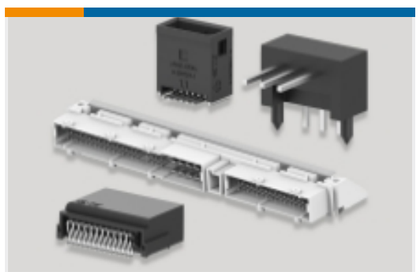
Automotive Terminals(16)



Connector Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(4)



PCB Headers & Receptacles(158)

Customers Also Bought



TE Part #1717106-1
TH/.025 CONNECTOR SYSTEM, HOUSING



TE Part #1564760-1
10POS MIXED MQS REC COD A



TE Part #2103181-1
CABLE SEAL RTNR, SIZE A, HVA280-2PI XE



TE Part #2203771-1
3POS, MCON 1.2 CB REC 1p TL SEALED



TE Part #2367834-1
REC CONN CVR ASSY,84POS,0.5 SERIES,TYPE1

Documents

Product Drawings

0.64III/2.3II 26POS PLUG ASSY

English

CAD Files

Customer View Model

ENG_CVM_CVM_1746863-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1746863-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1746863-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2380312-2 SMW73R0JT 1393431-1 2377783-2 CPF0402B37K4E1 MPT100C18RF TE50BR39J SBCHE64R7K 936348-1 SBCHE154R7K 650075-000 ROX05SJ18R U5254-000005-030PA 1-794222-0 2834055-1 3-1393225-0 175977-2 1903112-2 1969656-1 2005330-1 3430B2F51RTDF 3631B101LL RH73H2A40MKTN 1-962915-1 141991-2 1743455-2 2-292161-3 917696-1 CRGCQ2010J3K3 2310537-1