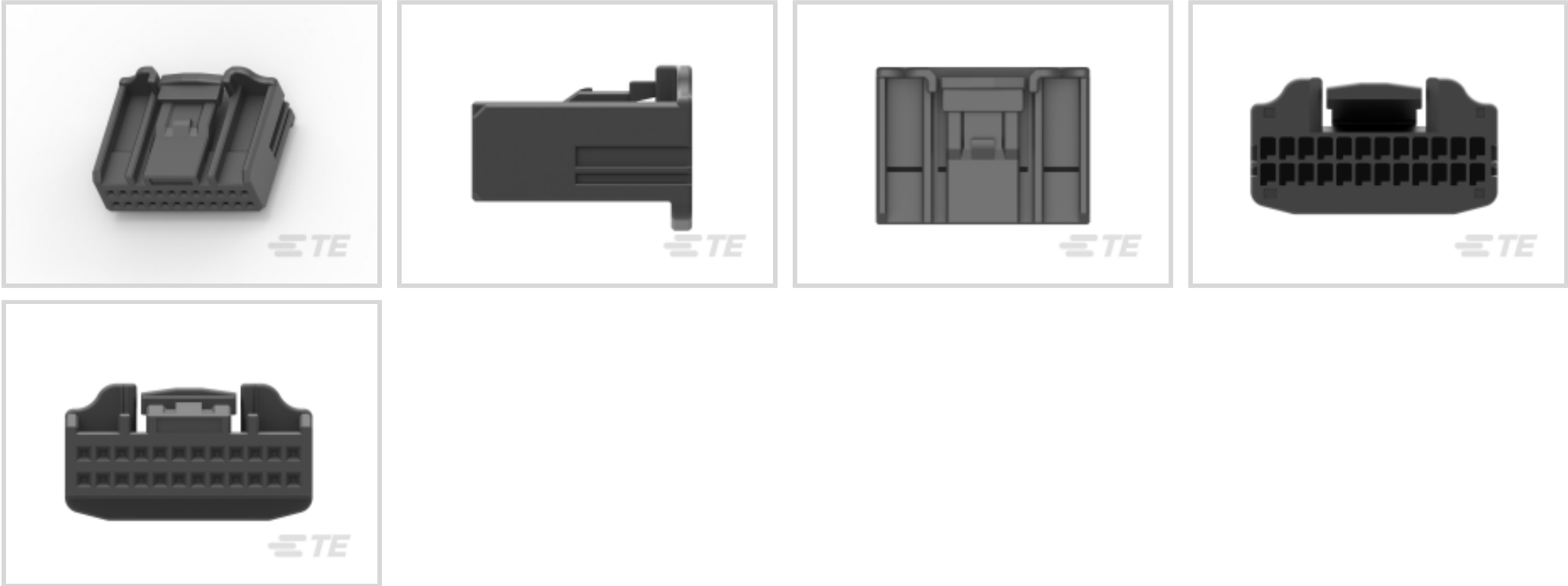




Connectors > Automotive Connectors > Automotive Housings > TH/.025 CONNECTOR SYSTEM, HOUSING



Number of Positions: 24

Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: .64 mm [.025 in]

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

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

[All TH/.025 Connector System, Housing \(171\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	24
Number of Rows	2

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
Contact Type	Receptacle
Mating Tab Width	.64 mm[.025 in]

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	Yes
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

Row-to-Row Spacing	4 mm[.157 in]
Product Width	28.6 mm[1.126 in]
Product Length	21 mm[.827 in]
Connector Height	15.8 mm[.622 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
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	100
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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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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-SIGH262
Signal Header



TE Part # 1717394-3
0.64 SMD 24POS CAP ASSY V TIN Tray



TE Part # 1376103-1
025 CONN CAP ASSY 24P



Also in the Series | 0.64/025 Connector System

Automotive Connector Caps & Covers
(5)

Automotive Connector Locks &
Position Assurance(1)

Automotive Headers(149)

Automotive Housings(120)

Connector Seals & Cavity Plugs(1)

Other Automotive Connector
Accessories(4)

PCB Headers & Receptacles(149)

Rectangular Power Connectors(6)

Wire-to-Board Headers & Receptacles
(149)

Customers Also Bought

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

TE Part #2069957-1
0.50/1.0 SEALED WIRE COVER 140P
TYPE-II

TE Part #1-1924067-1
2POS, MCON 1.2 CB REC 2p TL
SEALED

TE Part #953318-1
1W HSG FOR DIESEL PLUG

TE Part #1587828-1
INNER FERRULE, SIZE A, HVA280-2PI

TE Part #1587829-1
OUTER FERRULE, SIZE A, HVA280-2PI

TE Part #6-2103177-4
PLUG ASSY, KEY D, FA, HVA280-2PHI
XE, BK

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



Documents

Product Drawings

0.64 III 24POS PLUG ASSY

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1717112-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1717112-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1717112-2_B.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

Instruction Sheet (non U.S.)

English