



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



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

Number of Positions: 44

Connector & Housing Type: Housing for Female Terminals

Centerline (Pitch): 2.5 mm, 3 mm, 12.5 mm [.098 in, .118 in, .492 in]

Sealable: Yes

[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	Yes
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	44
Number of Rows	4, 5

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Gray

Contact Features

Contact Size	.64mm, 1mm
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Contact Type	Receptacle
Mating Tab Width	.64 mm, 1 mm[.025 in][.04 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2.5 mm, 3 mm, 12.5 mm[.098 in][.118 in][.492 in]

Dimensions

Connector Height	51.6 mm[2.031 in]
Product Width	46.7 mm[1.839 in]
Product Length	27.2 mm[1.071 in]
Row-to-Row Spacing	2 mm, 3.75 mm[.079 in][.148 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °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	35
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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>

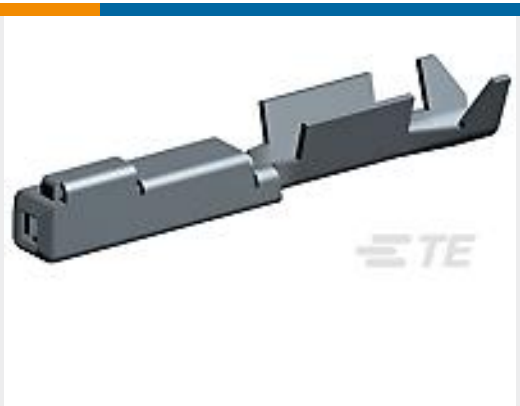
Compatible Parts



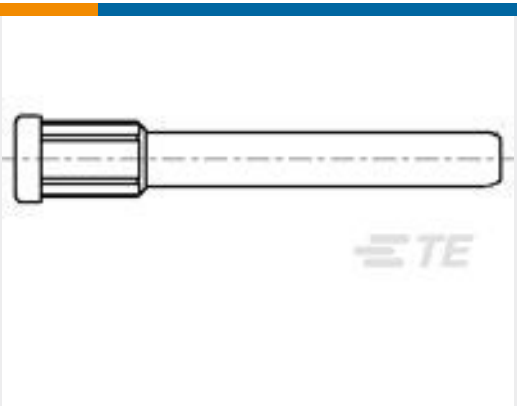
TE Part # 1717139-1
025/040 SEALED 132POS CAP ASSY



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

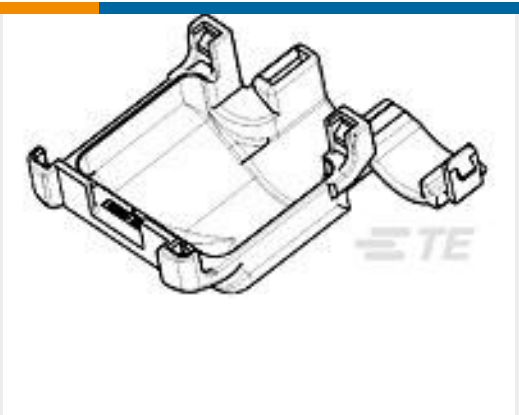


TE Part # 1612776-1
REC CONTACT ASSY S RANGE
CLEAN

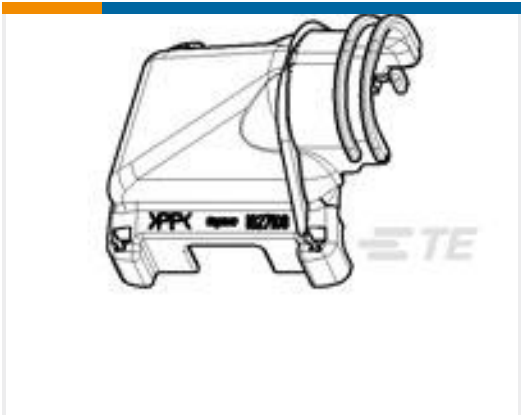


TE Part # 1612108-4
025/040 CAVITY PLUG

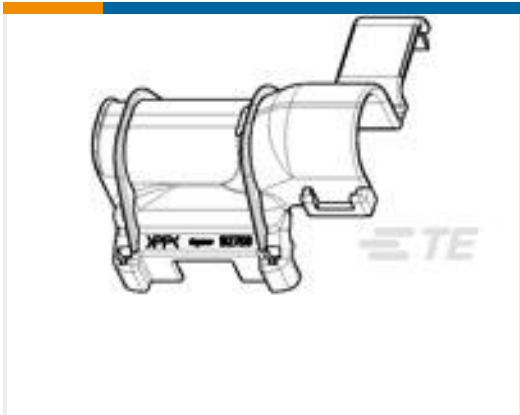




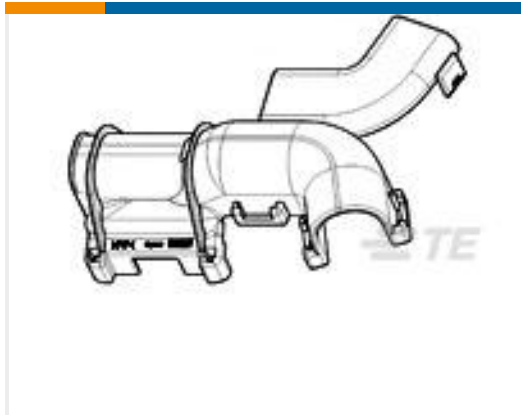
TE Part # 1746089-1
025/040 44POS COVER V



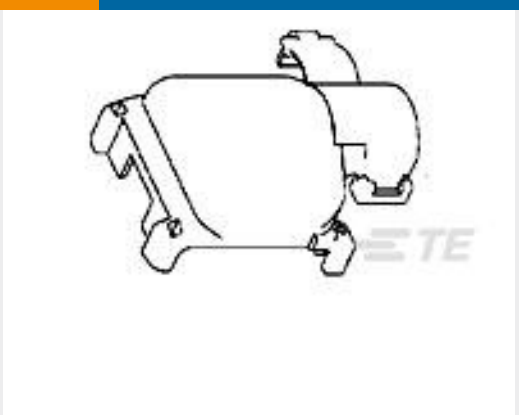
TE Part # 1827108-1
025/040 44POS COVER A-TYPE



TE Part # 1827109-1
025/040 44POS COVER B-TYPE



TE Part # 1903287-1
WIRE COVER 44POSITION TYPE-IV

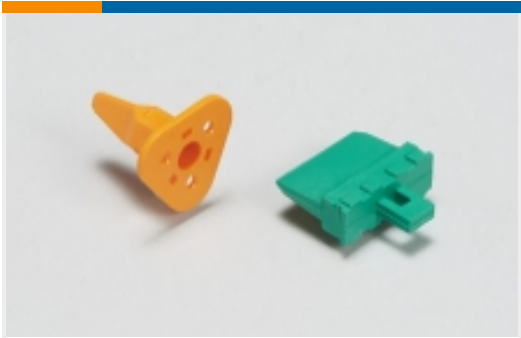


TE Part # 1674419-2
WIRE COVER 44POSITION C-TYPE

Also in the Series | 0.64/025 Connector System



Automotive Connector Caps & Covers
(5)



Automotive Connector Locks &
Position Assurance(1)



Automotive Housings(127)



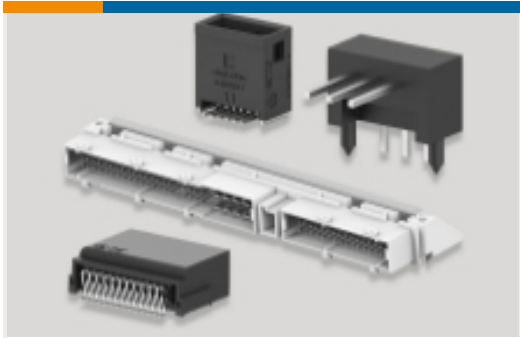
Automotive Terminals(16)



Connector Seals & Cavity Plugs(1)



Other Automotive Connector
Accessories(4)



PCB Headers & Receptacles(158)

Customers Also Bought



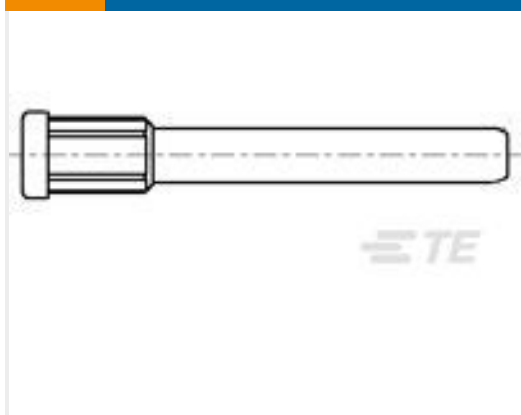
TE Part #776437-4
AMPSEAL 16 Housings



TE Part #1717138-6
025/040 SEALED 44POS PLUG ASSY



TE Part #1318332-1
TH/.025 CONNECTOR SYSTEM,
RECPT AND TAB



TE Part #1612108-4
025/040 CAVITY PLUG



Documents

Product Drawings

025/040 SEALED 44POS PLUG ASSY

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1717138-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1717138-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1717138-5_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Crimping CLEAN BODY 025/040 Receptacle Contact

English

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese