1318670-2 ✔ ACTIVE

AMP | 0.64/025 Connector System

TE Internal #: 1318670-2

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 3 Position, 2.5 mm [.098 in] Centerline, Sealable, Black, 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: **3**

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

Centerline (Pitch): **2.5 mm [.098 in]**

Sealable: **Yes**

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

Features

Product Type Features

Mixed & Hybrid Connector	No
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	3
Number of Rows	3

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	.63mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.025 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)	2.5 mm[.098 in]

Dimensions

Connector Height	20 mm[.787 in]
Product Width	13.5 mm[.531 in]
Product Length	26.3 mm[1.03 in]
Row-to-Row Spacing	5.9 mm[.232 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

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	100
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: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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

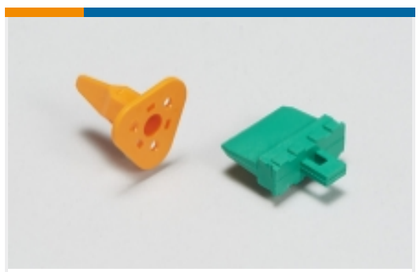


TE Part # CAT-T319-T273
TH/.025 CONNECTOR SYSTEM, RECPT AND TAB

Also in the Series | 0.64/025 Connector System



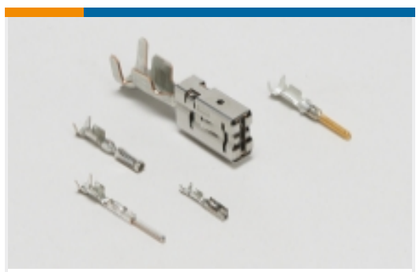
Automotive Connector Caps & Covers (5)



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(127)



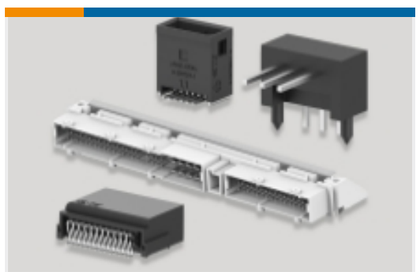
Automotive Terminals(16)



Connector Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(4)



PCB Headers & Receptacles(158)

Customers Also Bought



TE Part #HDP26-18-14PN
DEUTSCH HDP20 Housings



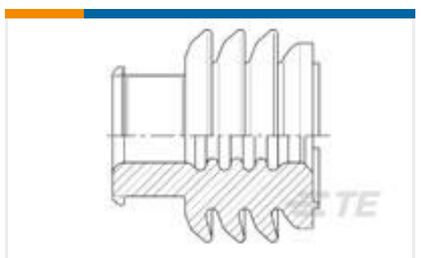
TE Part #AEC16-40SB
DEUTSCH DRC Housings



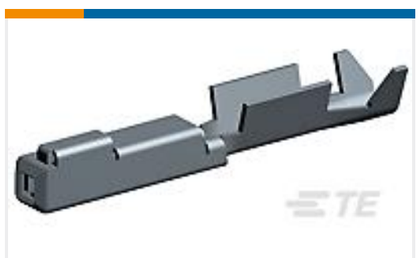
TE Part #DT04-6P-EP13
REC, 6P, BLK, BUSBAR 1X6, NICKEL



TE Part #HD34-24-31ST-072
REC, 31P, AL, T, THD ADPT, DRAIN, 16, S



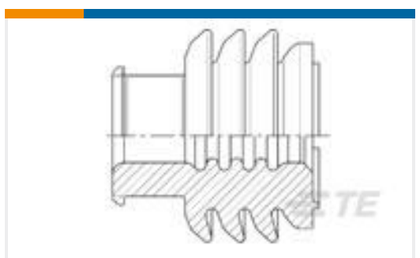
TE Part #1355437-2
MCP9,5 EINZELDICHTG



TE Part #1318329-1
.025 SEALED REC CONT



TE Part #965662-1
KONTAKTSICHERUNG



TE Part #1355437-3
MCP9,5 EINZELDICHTG

Documents

Product Drawings

025 TPS CONN PLUG HSG ASSY 3P

English

CAD Files

Customer View Model

ENG_CVM_1318670-2_O.3d_igs.zip

English

Customer View Model

ENG_CVM_1318670-2_O.3d_stp.zip

English

Customer View Model

ENG_CVM_1318670-2_O.2d_dxf.zip

English

3D PDF

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

Application Specification

Japanese

Crimping CLEAN BODY 025/040 Receptacle Contact

Japanese

Instruction Sheets

025 T.P.S. CONNECTOR

Japanese

Instruction Sheet (non U.S.)

Japanese

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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