1473750-1 ✔ ACTIVE

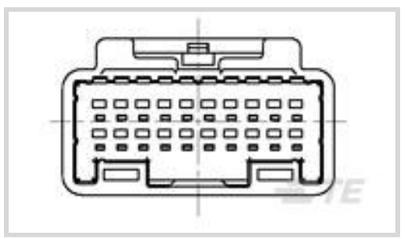
AMP | 0.64/025 Connector System

TE Internal #: 1473750-1

Housing for Male Terminals, Wire-to-Wire, 20 Position, .087 in [2.2 mm] Centerline, Natural, Signal, 0.64/025 Connector System

View on TE.com >

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



Connector System: **Wire-to-Wire**

Number of Positions: **20**

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

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

Sealable: **No**

All TH/.025 CONNECTOR SYSTEM, HOUSING (192)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	20
Number of Rows	2

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	.63mm

Contact Type	Tab
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
Centerline (Pitch)	2.2 mm[.087 in]

Dimensions

Connector Height	15.8 mm[.622 in]
Product Width	27.4 mm[1.079 in]
Product Length	35.2 mm[1.386 in]
Row-to-Row Spacing	4.24 mm[.167 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C[158 °F][167 °F][176 °F]
Operating Temperature Range	-30 - 80 °C[-22 - 176 °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: JAN 2024 (240) 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 # 1376109-1
025 TAB CONT



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

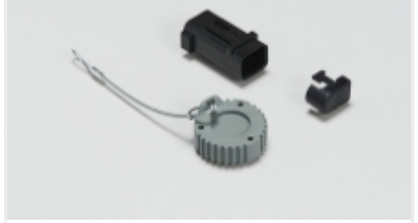


TE Part # 1717249-1
025 IDC 10POS PLUG ASSY

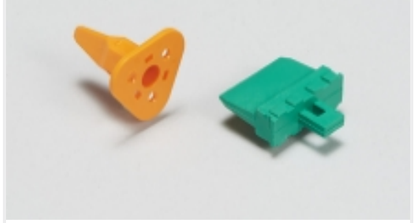


TE Part # CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB

Also in the Series | 0.64/025 Connector System



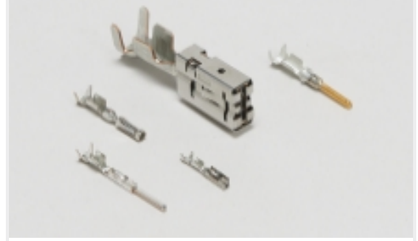
Automotive Connector Caps & Covers (5)



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(138)



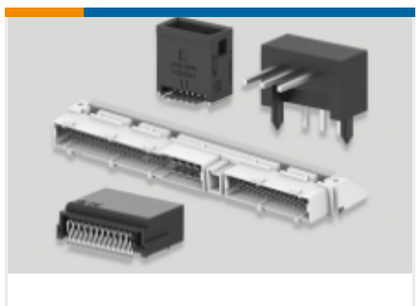
Automotive Terminals(18)



Connector Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(5)

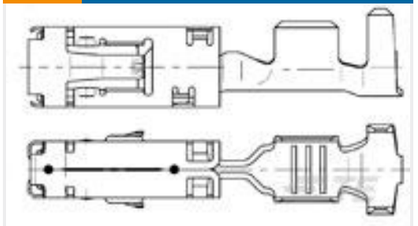


PCB Headers & Receptacles(217)

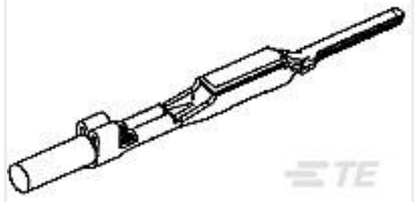
Customers Also Bought



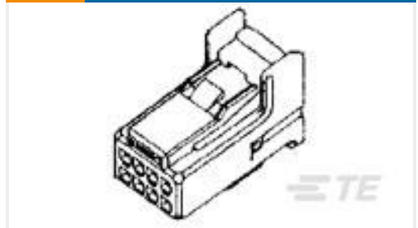
TE Part # 60195-2
205 FASTON FLAG REC 20-14 AWG TPBR



TE Part # 967543-1
SENSOR FLA-KONT 2,8



TE Part # 353537-1
040-3 UNSEALED CONT.TAB(S)



TE Part # 1376352-2
025 8POS PLUG ASSY



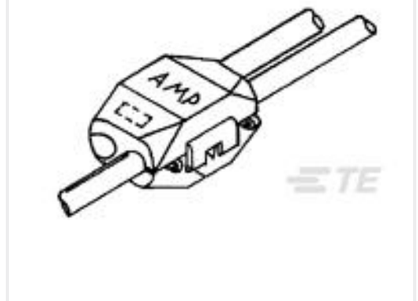
TE Part # 2237122-1
4POS,TAB0.64X0.64,HDR ASSY, 90DEG,COD 1



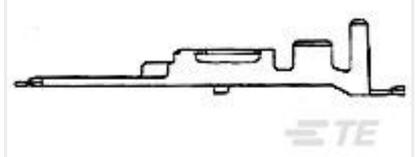
TE Part # 172044-1
MIC CAP 5P W-W



TE Part # 172498-1
MIC PLUG HSG 13P (MK II)



TE Part # 177766-1
ELECTRO TAP ASSY



TE Part # 172777-4
MIC MARK-2 TAB CONTACT

TE Part # 2112758-1
COVER

Documents

Product Drawings

025 20POS CAP ASSY W TO W

Japanese

CAD Files

Customer View Model

ENG_CVM_CVM_1473750-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1473750-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1473750-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

TH/.025 Connector Series

English

Product Specifications

Application Specification

Japanese

.025 IDC Connectors

Japanese

Application Specification

Japanese

Instruction Sheets

025 WIRE TO WIRE MALE CONNECTOR

Japanese

Instruction Sheet (non U.S.)

Japanese

025 WIRE TO WIRE MALE CONNECTOR

Japanese

Instruction Sheet (non U.S.)

Japanese