1717103-1 ✔ ACTIVE

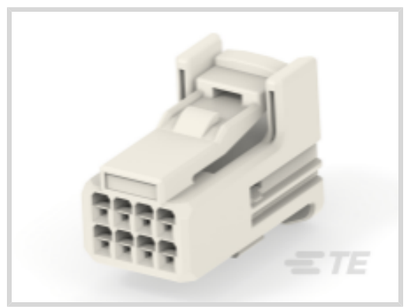
AMP | 0.64/025 Connector System

TE Internal #: 1717103-1

12 V, 8 Position, Automotive Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 0.64/025 Connector System

View on TE.com >

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







Nominal Voltage Architecture: **12 V**

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

Number of Positions: **8**

Sealable: **No**

Operating Temperature Range: **-30 – 105 °C [-22 – 221 °F]**

All TH/.025 CONNECTOR SYSTEM, HOUSING (167)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	Clean Body
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
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	.64mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.025 in]

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.2 mm[.086 in]

Dimensions

Row-to-Row Spacing	3 mm[.12 in]
Product Width	21 mm[.83 in]
Product Length	15.8 mm[.62 in]
Connector Height	11 mm[.43 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
Operating Temperature (Max)	105 °C[221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	100

Packaging Method	Bag

Other

Serviceable	No
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

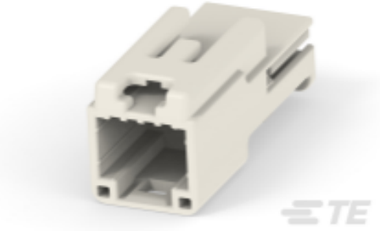
Product Compliance Disclaimer

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

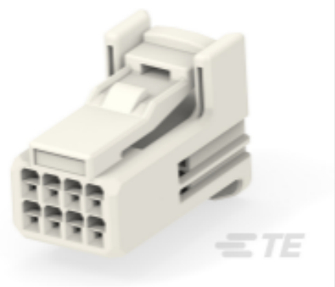
Compatible Parts



TE Part # CAT-PFSMTH9264
Press-Fit & SMT Header



TE Part # 1473793-1
025 IDC 8POS CAP ASSY W TO W



TE Part # 1717104-1
0.64 III 8POS PLUG HSG

TE Part # 1717105-1
0.64 III 8POS PLUG DBL PL

TE Part # 2229808-1
0.64 20POS CAP ASSY



TE Part # CAT-SIGH262
Signal Header



TE Part # CAT-HPCH5372
High Pin Count Header

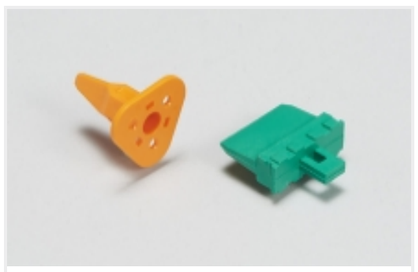


TE Part # 2237149-1
8POS,TAB0.64X0.64,HDR ASSY, 90DEG,SMD

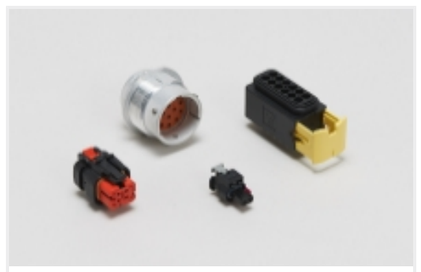


TE Part # 2237149-2
8POS,TAB0.64X0.64,HDR ASSY, 90DEG,SMD

Also in the Series | 0.64/025 Connector System



Automotive Connector Locks & Position Assurance(1)



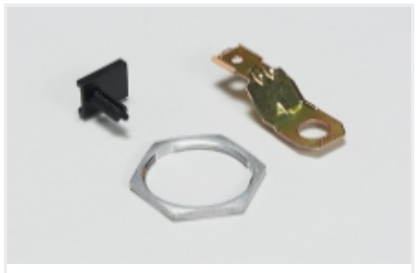
Automotive Housings(173)



Automotive Seals & Cavity Plugs(2)



Automotive Signal & Power Connector Housings(173)

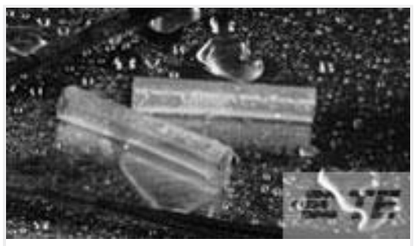


Other Automotive Connector Accessories(4)

Customers Also Bought



TE Part #7501716011
RBK-ILS-125-NR4-0-30MM



TE Part #193197P024
ES1000-NO.1-C1-X-40MM



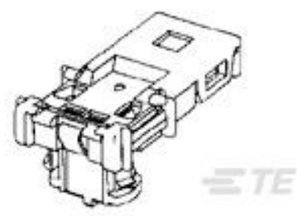
TE Part #E60872-000
ES2000-NO.3-B8-0-70MM



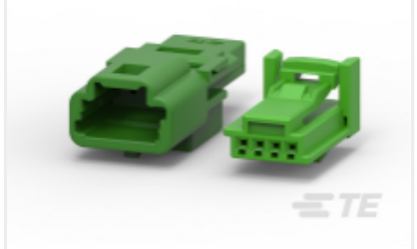
TE Part #130599P010
ES2000-NO.4-B7-0-40MM



TE Part #316833-2
040 SEALED REC CONT S FORMING



TE Part #1473139-1
SQUIB 11DIA MK-2 PLUG HSG



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



TE Part #1674936-5
0.64 III RCPT NON SEALED TIN (S)



TE Part #220781P003
QS1500-NO.5-M1-0-75MM

Documents

Product Drawings

0.64 III 8POS PLUG ASSY

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1717103-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1717103-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1717103-1_D.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

Extraction Tool for 0.64III Housing Lance Receptacle Contact

Japanese

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese