



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: 12

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	Locking Lance
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
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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	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Polybutylene Terephthalate (PBT)
Centerline (Pitch)	2.2 mm[.087 in]
Dimensions	
Row-to-Row Spacing	3 mm[.118 in]
Product Width	21 mm[.83 in]
Product Length	15.4 mm[.61 in]
Connector Height	15.8 mm[.62 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	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	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 # 1-1473898-2
025 12 POS CAP ASSY V, 8 CKT



TE Part # CAT-SIGH262
Signal Header

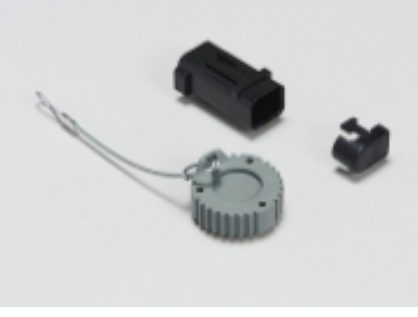


TE Part # CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM, HOUSING

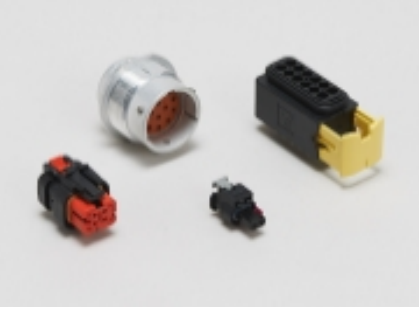


TE Part # 1123343-1
025 REC CONTACT

Also in the Series | 0.64/025 Connector System



Automotive Connector Caps & Covers (6)



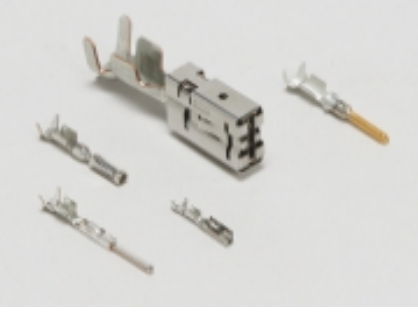
Automotive Housings(173)



Automotive Seals & Cavity Plugs(2)



Automotive Signal & Power Headers (152)



Automotive Terminals(20)

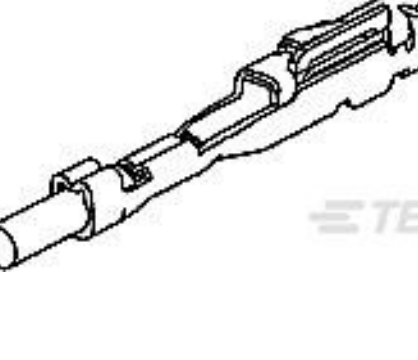
Customers Also Bought



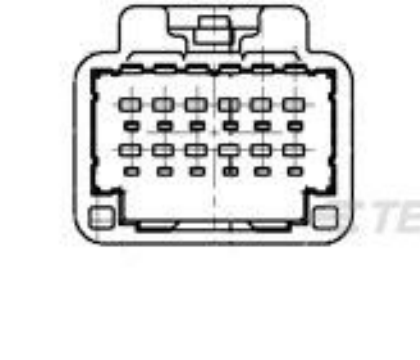
TE Part #1SNA166646R0500
CPT-1



TE Part #364240-E
SRCBUG A 2,54 2 6 CSI 112 E1 ADV J 2 324



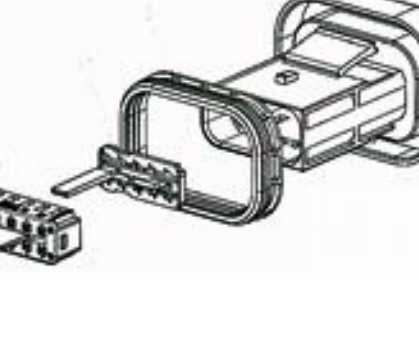
TE Part #1123343-1
025 REC CONTACT



TE Part #1565894-1
025 12POS CAP ASSY W TO W



TE Part #2-1746741-6
RITS CONN. SOCKET ASSY 6P BLUE



TE Part #1801610-2
BULK HEAD, MCON, 10W, CLIPPED



TE Part #2035334-8
CONTACT, FEMALE0.64 ,20.35SQMM



TE Part #1-2176325-8
CRGP 0402 270R 1%



TE Part #2288274-1
24P HYBRID 0.64/2.8 PLUG ASSY, A
KEY



TE Part #284259-1
BLANKING DEVICE ASS'Y X EMPTY
KEY

Documents

Product Drawings

025 ECU PLUG HSG ASY 12P BLACK

Japanese

CAD Files

Customer View Model

ENG_CVM_CVM_1318774-2_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1318774-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1318774-2_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 025 Receptacle Contact

Japanese

Application Specification

Japanese

Application Specification

Japanese

Instruction Sheets

025 G Wire to Wire Connector

Japanese

Instruction Sheet (non U.S.)

Japanese

025 G Wire to Wire Connector

Japanese

Instruction Sheet (non U.S.)

Japanese



[Instruction Sheet \(non U.S.\)](#)

English

[Instruction Sheet \(non U.S.\)](#)

Japanese