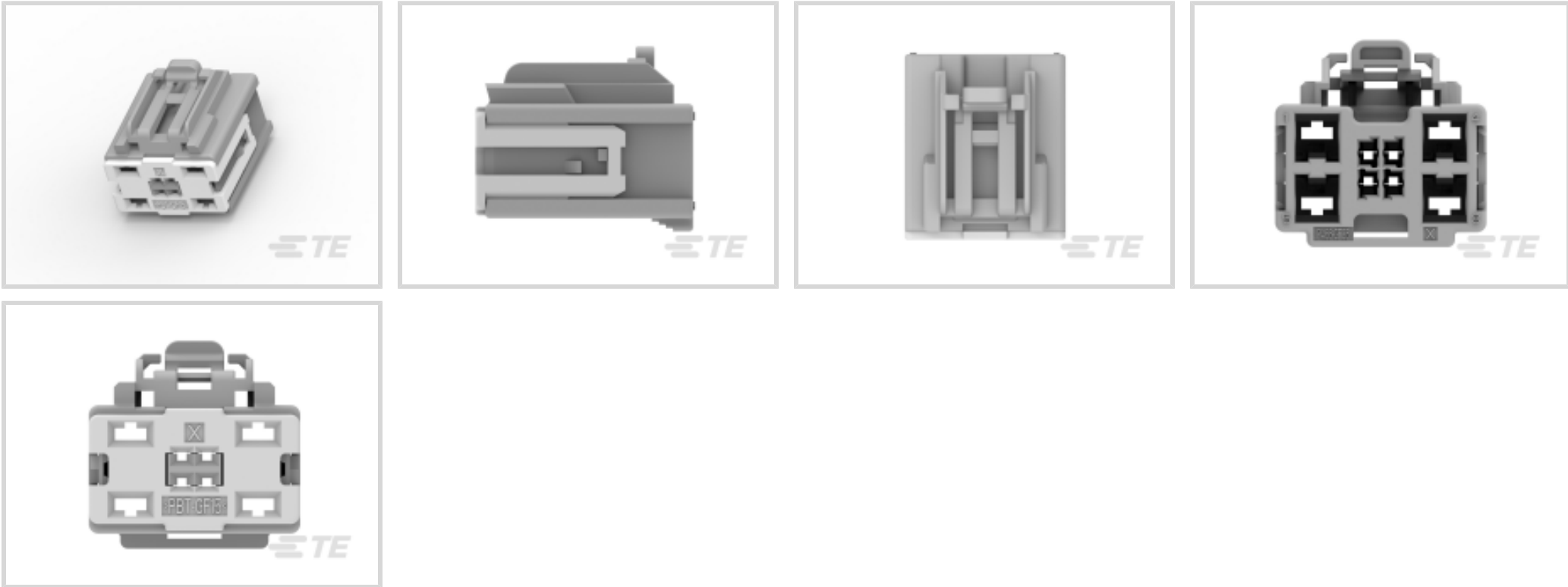




Connectors > Automotive Connectors > Automotive Housings > TH/.025 CONNECTOR SYSTEM, HOUSING



Number of Positions: 8

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

Mating Tab Width: 2.8 mm, .64 mm [.025 in, .11 in]

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

Centerline (Pitch): 2.54 mm [.1 in]

[All TH/.025 Connector System, Housing \(177\)](#)

Features

Industry Standards

UL Flammability Rating	UL 94HB
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Dimensions

Product Width	24.7 mm[.972 in]
Product Length	21.42 mm[.843 in]
Connector Height	17.67 mm[.696 in]

Packaging Features

Packaging Method	Box
Packaging Quantity	400

Other

Serviceable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



Mechanical Attachment

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

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	B

Housing Features

Housing Material	PA GF
Centerline (Pitch)	2.54 mm[.1 in]

Contact Features

Contact Size	2.8mm, .64mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm, .64 mm[.025 in][.11 in]

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	No
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	8
Number of Rows	2

Usage Conditions

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

Operation/Application



Circuit Application	Signal
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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 # 1924955-1
CONTACT,FEMALE0.64,20-22AWG,
UNSEAL



TE Part # 1924955-4
CONTACT,FEMALE0.64,18AWG,
UNSEALED



TE Part # 1924955-3
CONTACT,FEMALE0.64,20-22AWG,
UNSEAL



TE Part # 1456468-2
8p Hybrid 0.64/2.8 Unsealed He



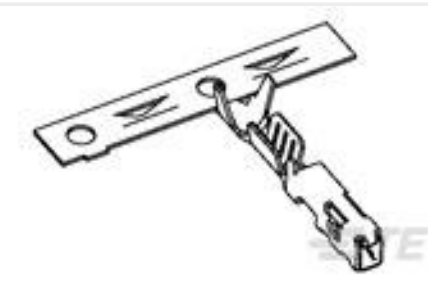
TE Part # 1924955-8
CONTACT,FEMALE,0.64,0.35SQMM,
UNSEALED



TE Part # 1924955-6
CONTACT,FEMALE,0.64,0.35SQMM,
UNSEALED



TE Part # 1924955-7
CONTACT,FEMALE0.64,0.13SQMM,
UN



TE Part # 1924955-2
CONTACT,FEMALE0.64,18AWG,
UNSEALED

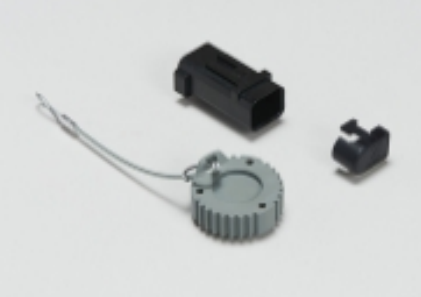


TE Part # 1924955-5
CONTACT,FEMALE0.64,0.13SQMM,
UN




TE Part # CAT-A11-T273
1.5/2.8 CONNECTOR SYSTEM, RECPT
AND TAB


Also in the Series | Generation Y Connector System




Automotive Connector Caps & Covers
(19)




Automotive Headers(16)




Automotive Housings(146)



Automotive Terminals(44)



Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(16)



Wire-to-Board Headers & Receptacles
(15)

Customers Also Bought



TE Part #1452503-1
MCON 1.2 CB REC SRC SN



TE Part #1-1241930-1
AMP MCP 9.5, CONTACT



TE Part #2005040-2
090/250 LIF 30P PLUG ASSY BLK



TE Part #1747251-1
MT 6POS PLUG HSG





TE Part #1-2356718-1
22POS,AMP MCP 2.8,REC HSG ASSY,
COD Z



TE Part #2005039-2
SLOT CLIP HSG FOR FAKRA



TE Part #2298573-1
RETAINER, MCP2.8, FOR 22WAY



TE Part #2298637-1
60POS,HYBRID,TAB HSG ASSY,
UNSLD,COD A



TE Part #1-2355507-5
3POS,MCON 1.2,REC HSG ASSY,SLD,
COD A



TE Part #2177472-1
73POS, MIXED,REC HSG,ASSY,BK

Documents

Product Drawings

8p Hybrid 0.64/2.8 Unsealed Plug Assy

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1456471-2_A_c-1456471-2-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1456471-2_A_c-1456471-2-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1456471-2_A_c-1456471-2-a.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English