



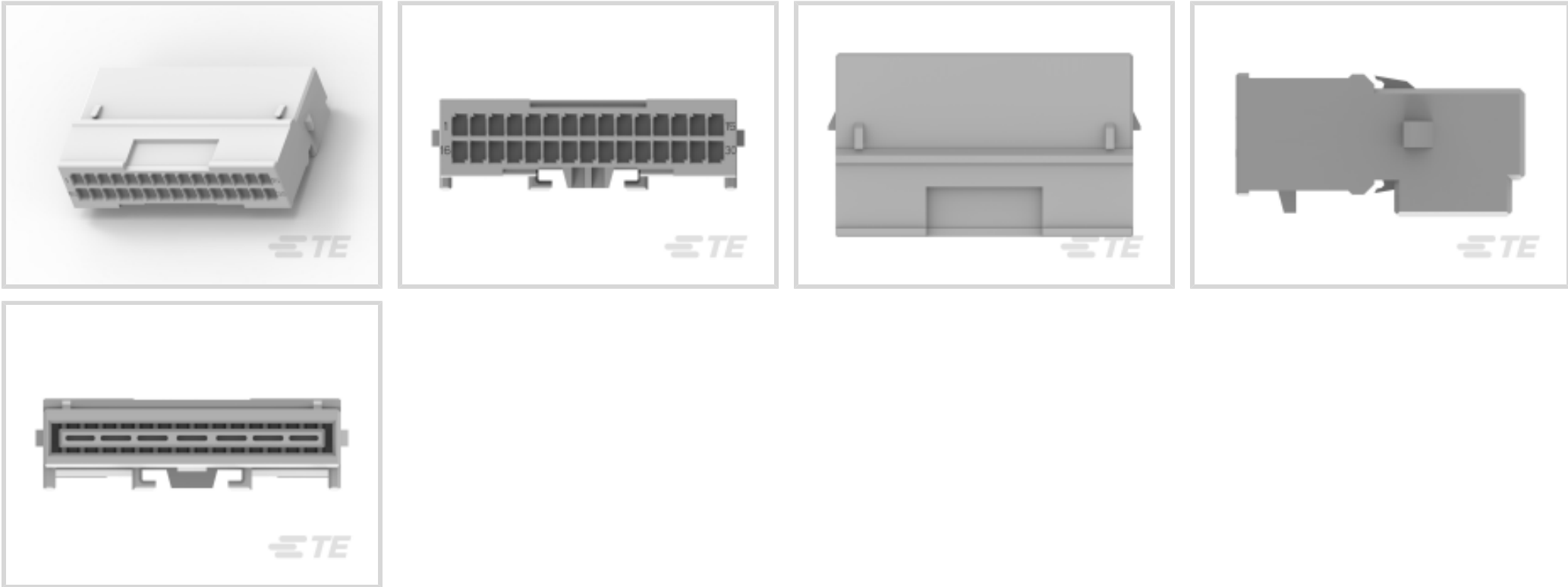
TH/.025 Connector System

TE Internal #: 2005499-1

30 Position Housing, Housing for Male Terminals, Wire-to-Wire, 2.2 mm [.086 in] Centerline, Natural, Wire & Cable, Signal, TH/.025 Connector System

[View on TE.com >](#)

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



Number of Positions: 30

Connector & Housing Type: Housing for Male Terminals

Mating Tab Width: .64 mm [.025 in]

Connector System: Wire-to-Wire

Centerline (Pitch): 2.2 mm [.086 in]

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(177\)](#)

Features

Dimensions

Row-to-Row Spacing	2.9 mm[.114 in]
Product Width	13 mm[.512 in]
Product Length	37.6 mm[1.48 in]
Connector Height	22.1 mm[.87 in]

Packaging Features

Packaging Quantity	63
Packaging Method	Tray

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarized
Mating Alignment	With



Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Other

Serviceable	No
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Body Features

Cable Exit Angle	180°
Primary Product Color	Natural

Housing Features

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

Contact Features

Contact Size	.63mm
Contact Type	Tab
Mating Tab Width	.64 mm [.025 in]

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	30
Number of Rows	2

Operation/Application

Circuit Application	Signal
---------------------	--------

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 # 2005319-3
025 JOINT 30P COVER HSG GRY




TE Part # 2005319-1
025 JOINT 30P COVER HSG NAT



TE Part # 2005319-4
025 JOINT 30P COVER HSG BRN

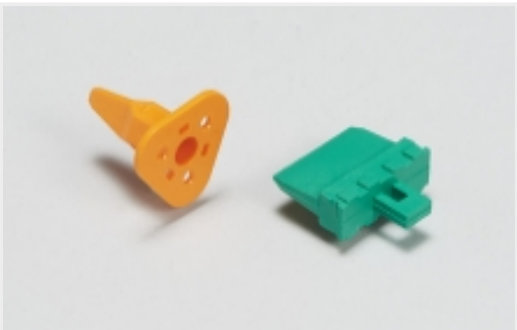


TE Part # 2005319-2
025 JOINT 30P COVER HSG BLK



TE Part # 2005097-1
025 RECEPTACLE CONTACT

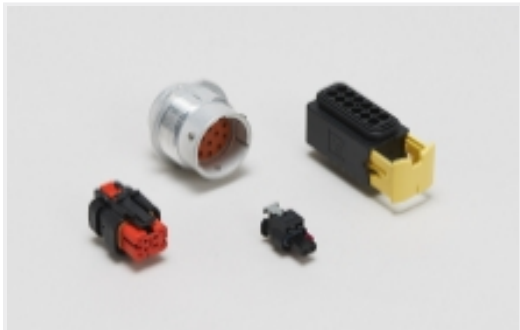
Also in the Series | TH/.025 Connector System



Automotive Connector Locks & Position Assurance(1)



Automotive Headers(7)



Automotive Housings(62)



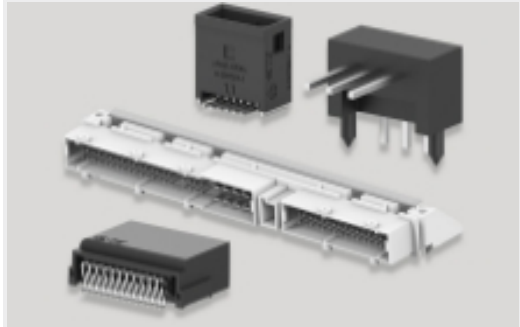
Automotive Terminals(8)



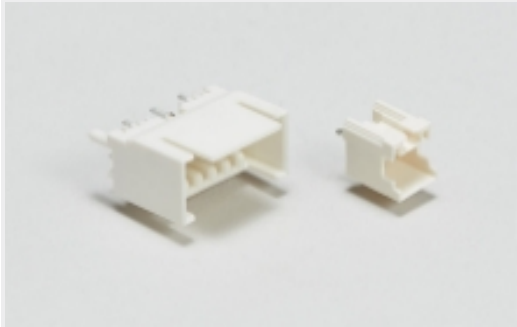
Insertion & Extraction Tools(4)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(7)



Wire-to-Board Headers & Receptacles (7)

Customers Also Bought



TE Part #2-964300-1
TAB A 2.8x0.8 CONTACT CF SWS Sn



TE Part #2005431-1
025/090 HYB 34P PLUG ASSY



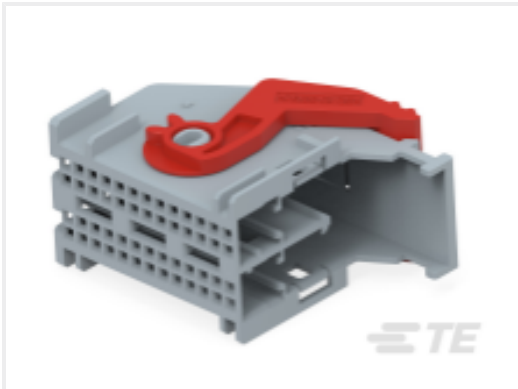
TE Part #2005434-1
025/090 HYB 34P CAP ASSY



TE Part #2209954-3
AIRBAG 24P COVER ASSY



TE Part #4-2355506-1
2POS,MCON 1.2,REC HSG ASSY,SLD, COD A



TE Part #2209477-3
KIT ASS'Y FOR 52POS.MQS FEMALE CONNECTOR



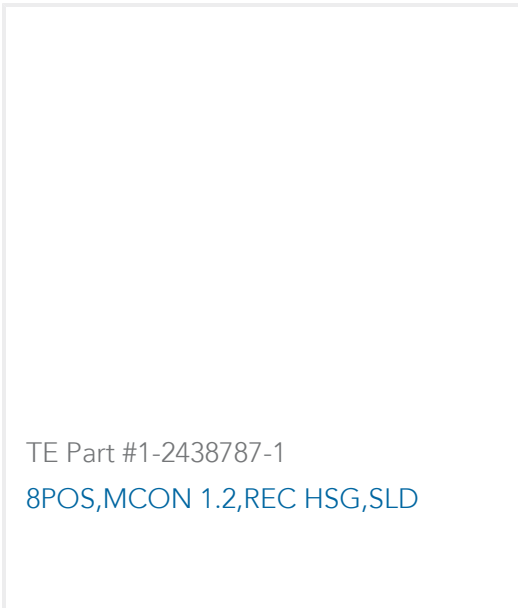
TE Part #2329592-1
20POS,MQS,REC HSG,UNSLD



TE Part #2352245-1
48POS,MQS,REC HSG ASSY,SLD,COD 1



TE Part #7-2435190-1
MCON 1.2,TERMINAL,LL REC SWS SN



TE Part #1-2438787-1
8POS,MCON 1.2,REC HSG,SLD

Documents



Product Drawings

025 JOINT 30P ASSY NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2005499-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2005499-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2005499-1_C.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 (non U.S.)

English