



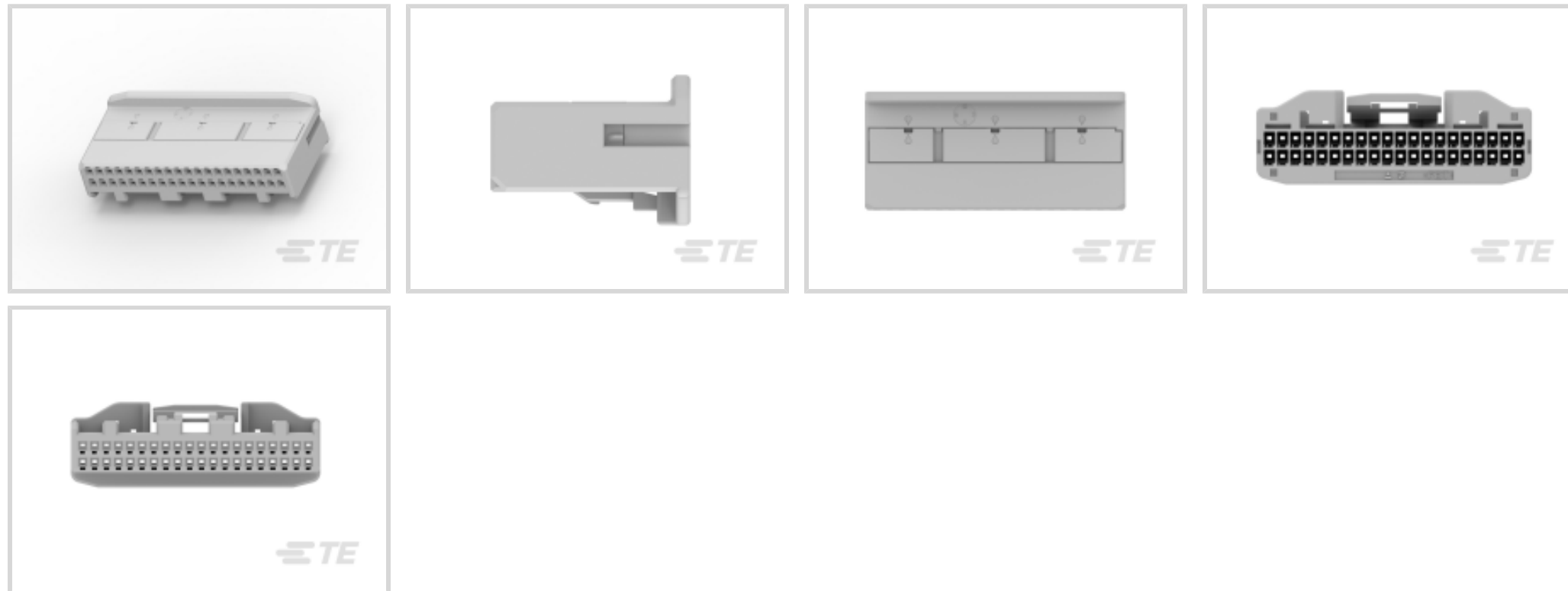
TH/.025 Connector System

TE Internal #: 2005094-1

Wire-to-Wire, 40 Position, .087 in [2.2 mm] Centerline, Natural, Signal, Cable Mount (Free-Hanging), TH/.025 Connector System

[View on TE.com >](#)

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



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

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

Number of Positions: **40**

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

Sealable: **No**

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(202\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	No

Configuration Features

Number of Positions	40
Number of Rows	2

Body Features

Body Material	PBT
Primary Product Color	Natural

Contact Features

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



Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.2 mm[.087 in]
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Dimensions

Product Width	15.8 mm[.622 in]
Product Length	46.2 mm[1.819 in]
Product Height	21 mm[.827 in]

Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	600
Packaging Method	Bag

Other

Connector Position Assurance Capable	No
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # CAT-SIGH262
SIGNAL HEADER



TE Part # 2005097-1
025 RECEPTACLE CONTACT




TE Part # CAT-HPCH5372
HIGH PIN COUNT HEADER

Also in the Series | TH/.025 Connector System



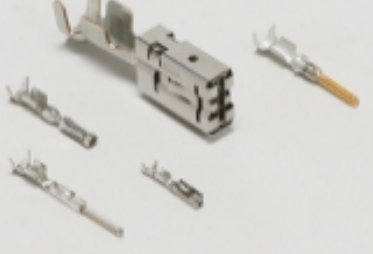
Automotive Connector Caps & Covers
(6)




Automotive Housings(203)




Automotive Seals & Cavity Plugs(2)



Automotive Terminals(25)



Insertion & Extraction Tools(4)



Other Automotive Connector
Accessories(5)



PCB Headers & Receptacles(144)

Customers Also Bought



TE Part #1-1743632-2
HYB SLD 36P PLUG ASSY



TE Part #2005088-1
025 32P PLUG ASSY



TE Part #936154-2
090III 22P CAP ASSY BLACK



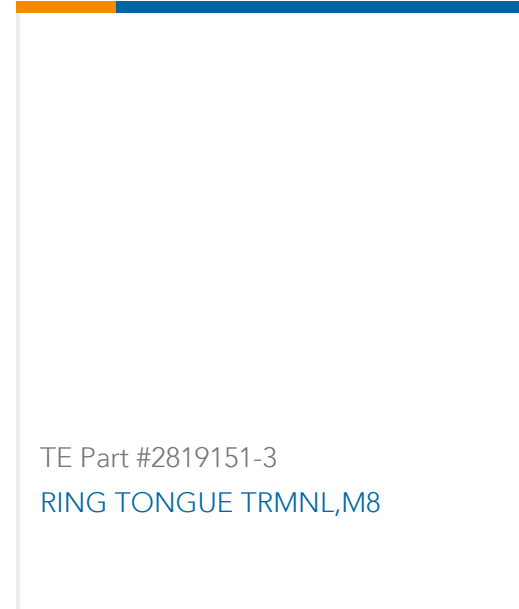
TE Part #1989719-1
COVER ASSY MQS HSG 2X16 POSN.



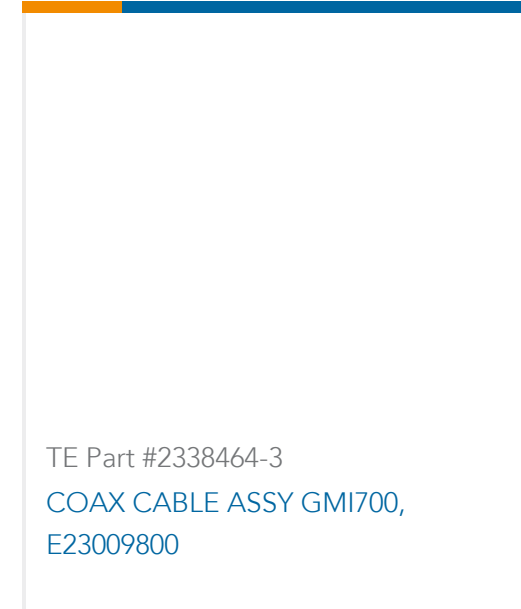
TE Part #006977P006
FL2500-NO.0-I7-0-27MM



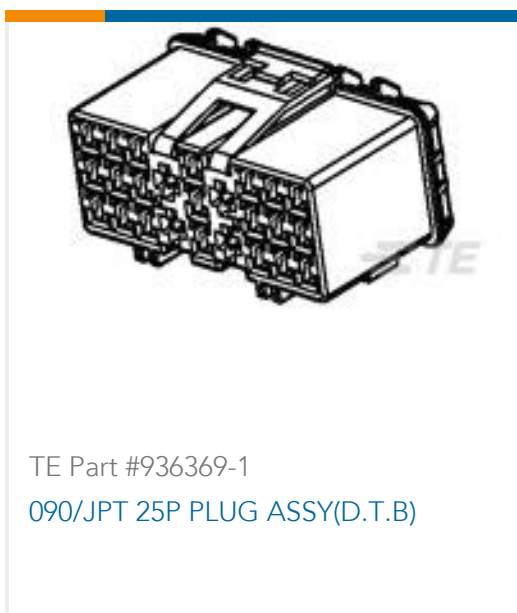
TE Part #926845P006
FL2500-NO.3-J1-0-27MM



TE Part #2819151-3
RING TONGUE TRMNL,M8



TE Part #2338464-3
COAX CABLE ASSY GMI700,
E23009800



TE Part #936369-1
090/JPT 25P PLUG ASSY(D.T.B)



TE Part #649323-000
BL-RNF-3000-12/4-0-40MM

Documents

Product Drawings

[025 40P PLUG ASSY NAT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2005094-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2005094-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2005094-1_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages



TH/.025 Connector Series

English

Product Specifications

025 Series

English