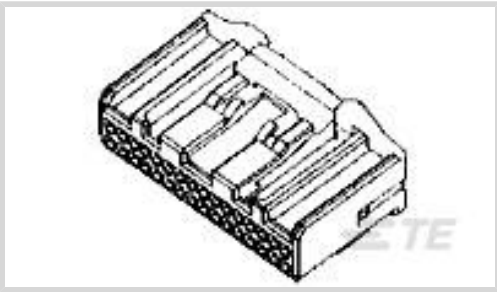




Connectors > Automotive Connectors > Connector Housings > TH/.025 CONNECTOR SYSTEM, HOUSING



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

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

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

Number of Positions: **32**

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

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

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Sealable	No
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	32
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Body Material	PBT
Primary Product Color	Natural



Contact Features

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

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
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	37.4 mm[1.472 in]
Product Length	21 mm[.827 in]
Product Height	15.8 mm[.622 in]
Row-to-Row Spacing	5.9 mm[.232 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Other

Serviceable	Yes
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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>

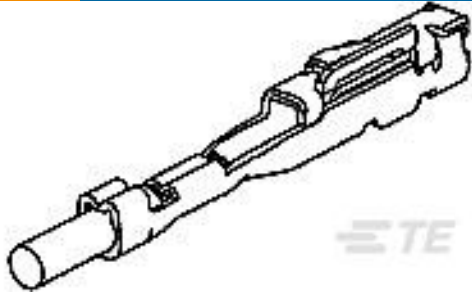
Compatible Parts




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



TE Part # CAT-SIGH262
SIGNAL HEADER



TE Part # 1123343-1
025 REC CONTACT



TE Part # 2237138-1
32POS,TAB0.64X0.64,HDR ASSY,
90DEG,SMD



TE Part # 2326784-1
32POS,TAB0.64X0.64,HDR ASSY,
90DEG,SLDR

TE Part # 1318745-4
025 32 POS CAP ASSY H RND AU

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 #1-1718492-4
1.5MM TAB HSG 36 POS ASSY

TE Part #1-2066502-3
COVER 2 POS MINI FUSE BOX,MAT-2

TE Part #964197-1
AM RINGZUNGE MIF

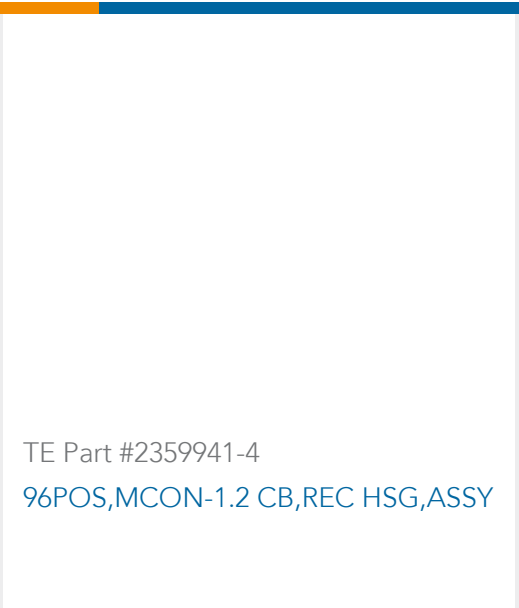
TE Part #NB11666001
ATUM-8/2-0-100MM

TE Part #4937914001
FRAG-18/10-0-SP

TE Part #1393429-3
V23540M5302Y 22=2P BUCHSENGEH.

TE Part #2306928-1
16POS,MT 3,REC HSG ASSY

TE Part #2359941-3
96POS,MCON-1.2 CB,REC HSG,ASSY



Documents

Product Drawings

025 ECU PLUG HSG ASSY 32P

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1318747-1_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_1318747-1_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_1318747-1_A1.3d_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

Crimping of 025 Receptacle Contact

Japanese

Application Specification

Japanese

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (non U.S.)



English

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

English

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

Japanese