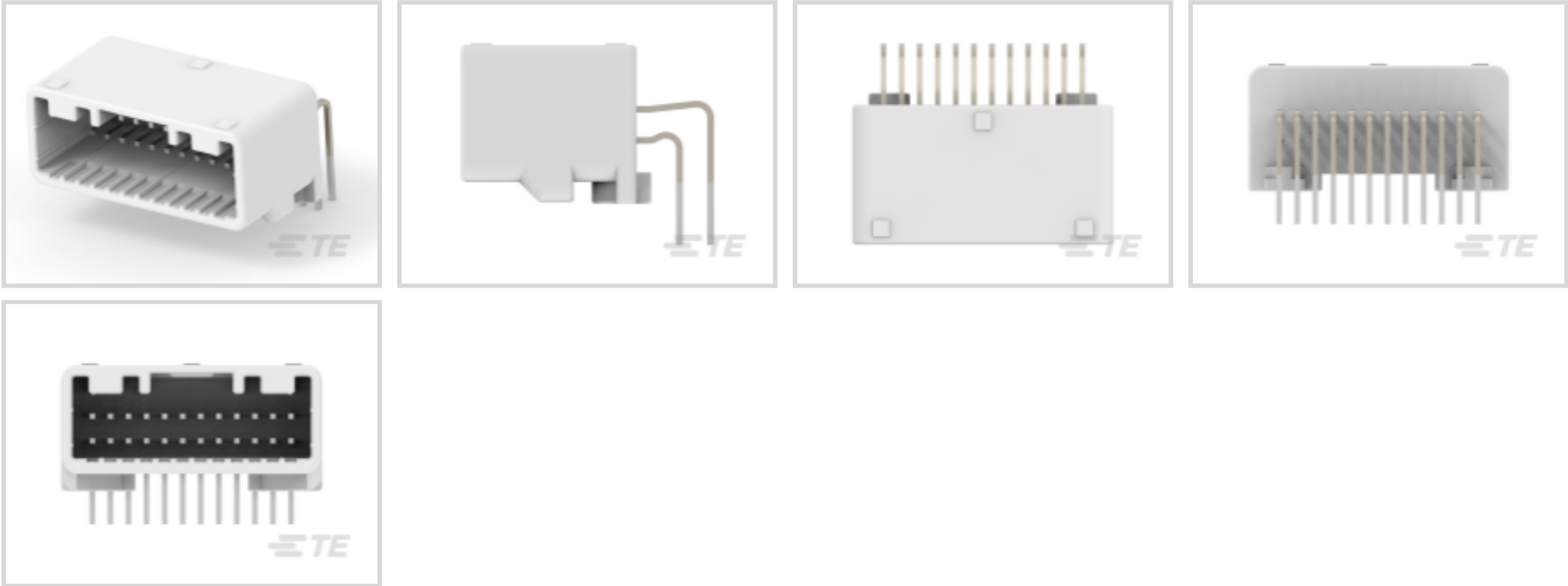




Connectors > PCB Connectors > PCB Headers & Receptacles > Signal Header



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **24**

Number of Rows: **2**

[All Signal Header \(280\)](#)

Features

Electrical Characteristics

Operating Voltage	12 VDC
Voltage Rating (Max)	12 VDC
Nominal Voltage Architecture	12 V

Dimensions

Connector Width	31.8 mm[1.252 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Length	24.47 mm[.963 in]
Profile Height from PCB	15.5 mm[.61 in]

Packaging Features

Packaging Quantity	14
Packaging Method	Tube

Usage Conditions

Operating Temperature (Max)	80 °C, 105 °C, 90 °C, 100 °C, 85 °C, 65 °C,
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	75 °C, 70 °C[212 °F]
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Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Body Features

Connector & Keying Code	1
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Primary Product Color	Natural
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Operation/Application

Shielded	No
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Circuit Application	Signal
---------------------	--------

Mechanical Attachment

Panel Mount Feature	Without
---------------------	---------

Mating Retention Type	Locking Interface
-----------------------	-------------------

Mounting Holes	With
----------------	------

Mating Retention	With
------------------	------

PCB Mount Retention	Without
---------------------	---------

PCB Mount Alignment	Without
---------------------	---------

Mating Alignment	With
------------------	------

Contact Features

Contact Size	.64mm
--------------	-------

Mating Tab Width	.64 mm[.025 in]
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Mating Tab Thickness	.64 mm[.025 in]
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Contact Mating Area Plating Material	Tin
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Contact Type	Tab
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Configuration Features

Number of Signal Positions	24
----------------------------	----

Number of Sections	1
--------------------	---

PCB Mount Orientation	Horizontal
-----------------------	------------

Number of Positions	24
---------------------	----

Number of Rows	2
----------------	---

Product Type Features

Mixed & Hybrid Header	No
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Connector Shape	Rectangular
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PCB Connector Assembly Type	PCB Mount Header
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Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Termination Features

Termination Method to PCB	Through Hole - Solder
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Housing Features

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	Wave solder capable to 240°C

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-T273
TH/.025 CONNECTOR SYSTEM,
RECPT AND TAB

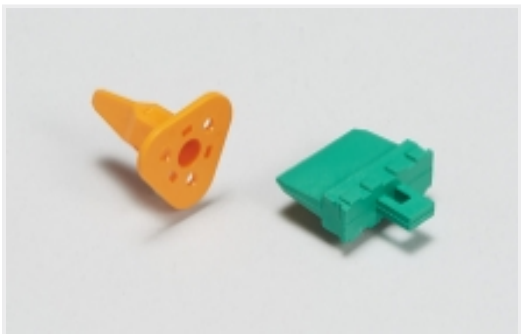


TE Part # CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM,
HOUSING

Also in the Series | 0.64/025 Connector System



Automotive Connector Caps & Covers
(5)



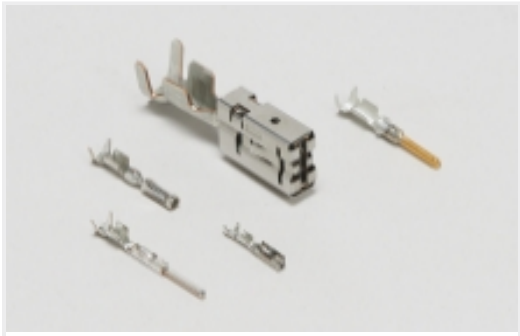
Automotive Connector Locks &
Position Assurance(1)



Automotive Headers(154)



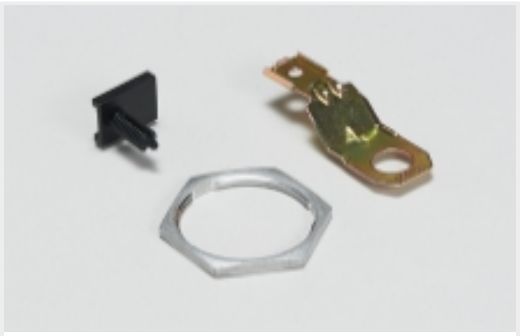
Automotive Housings(124)



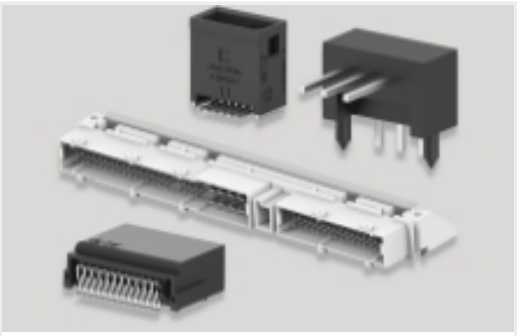
Automotive Terminals(16)



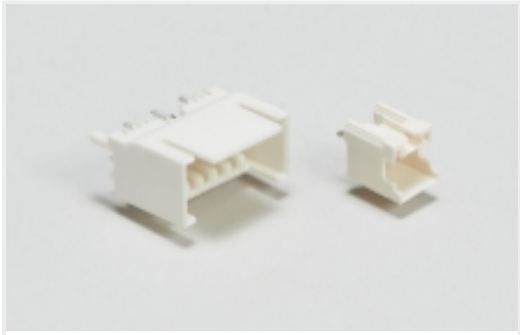
Connector Seals & Cavity Plugs(1)



Other Automotive Connector
Accessories(4)



PCB Headers & Receptacles(154)



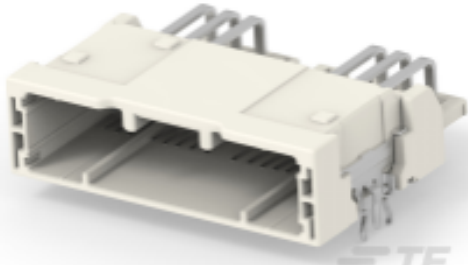
Wire-to-Board Headers & Receptacles
(154)

Customers Also Bought

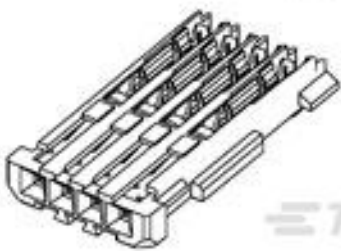




TE Part #CAT-SIGH262
Signal Header



TE Part #2822546-1
0.5/1.5 38P CAP ASSY THR TYPE

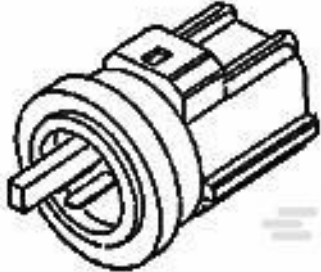


TE Part #1717248-1
025 IDC 4POS PLUG ASSY

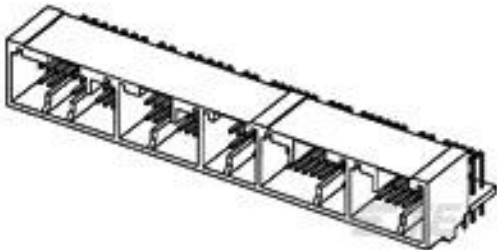


TE Part #2260316-3
0.5/1.0/2.8 SEALED CONN. 248P CAP ASSY

TE Part #2314128-2
WIFI ANTENNA ASSEMBLY



TE Part #174365-2
070 E-J MK-2 SENSOR CAP ASSY 2



TE Part #1123794-6
040 III HD 94POS CAP ASSY H TIN

Documents

Product Drawings

025 24POS CAP ASSY H SELECTIVE-TIN

Japanese

025 24POS CAP ASSY H SELECTIVE-TIN

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1318853-7_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1318853-7_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1318853-7_F.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

Instruction Sheets



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

English

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

Japanese