



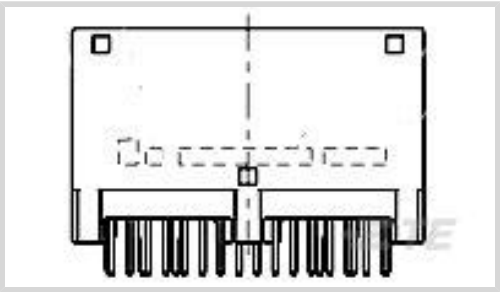
TH/.025 Connector System

TE Internal #: 1565371-3

TH/.025 Connector System, Automotive Headers, Wire-to-Board,
26 Position, 4mm / 2.2mm [.087in / .157in] Centerline, Vertical, 2
Row, Natural

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Headers > SIGNAL HEADER



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

Number of Positions: **26**

Centerline (Pitch): **2.2 mm, 4 mm [.087 in, .157 in]**

Sealable: **No**

PCB Mount Orientation: **Vertical**

[All SIGNAL HEADER \(425\)](#)

Features

Product Type Features

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

Configuration Features

Number of Sections	1
Number of Signal Positions	26
Number of Positions	26
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics

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

Body Features



Primary Product Color	Natural
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Contact Features

Contact Type	Tab
Mating Tab Width	.64 mm, 2.3 mm [.025 in][.091 in]
Mating Tab Thickness	.64 mm [.025 in]
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Locking Interface	With
Mounting Holes	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	2.2 mm, 4 mm [.087 in][.157 in]
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Dimensions

PCB Thickness (Recommended)	1.2 – 1.6 mm [.047 – .063 in]
Profile Height from PCB	25.9 mm [1.02 in]
Product Width	15.5 mm [.61 in]
Product Length	42.5 mm [1.673 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C [149 °F][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

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features



Packaging Type	Tube
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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: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) 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



Also in the Series | TH/.025 Connector System



Automotive Connector Caps & Covers (6)



Automotive Headers(147)



Automotive Housings(206)



Automotive Seals & Cavity Plugs(2)



Automotive Terminals(31)

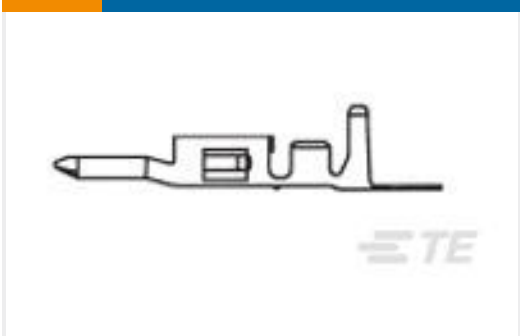


Insertion & Extraction Tools(4)

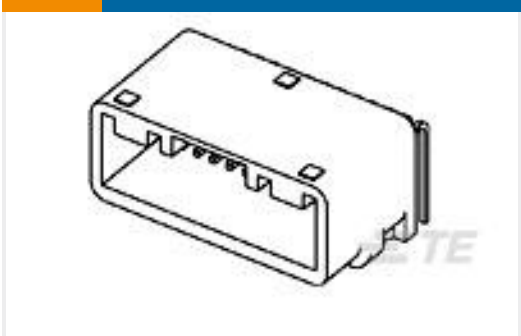


Other Automotive Connector Accessories(5)

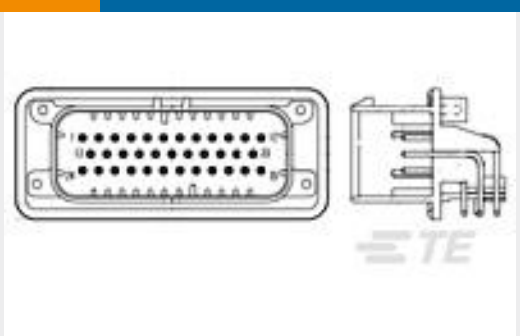
Customers Also Bought



TE Part #1586316-4
VAL-U-LOK PIN PHBZ AU 26-22 LP



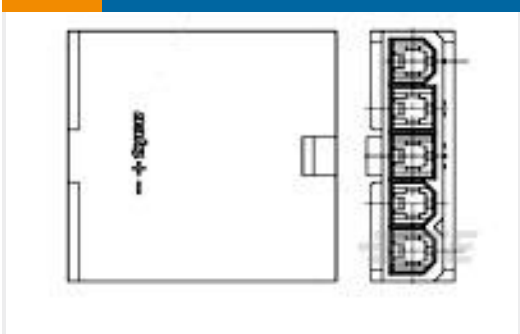
TE Part #1376357-3
025/090 CAP HSG 26P



TE Part #1-776180-6
35POS,AMPSEAL,PIN HSG ASSY,SLD, COD 6



TE Part #4-1564407-1
Heavy Duty Sealed Connector Series Housings



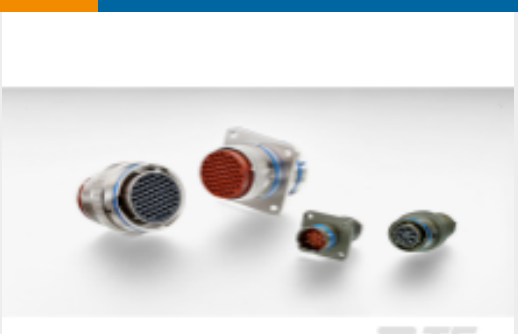
TE Part #1586104-3
3P PLUG VAL-U-LOK SR FH V0



TE Part #2600038-1
8CCT RECEP GREY K A W/SMALL SEAL



TE Part #2600042-1
12CCT RECEP GREY K A W/SMALL SEAL



TE Part #YAFD50-24-61PNC127
RECP ASSY

Documents

Product Drawings

CAD Files

Customer View Model

ENG_CVM_CVM_1565371-3_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model



[ENG_CVM_CVM_1565371-3_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1565371-3_E.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

025/090II I/O Connector

Japanese

Instruction Sheet (non U.S.)

Japanese

025/090II I/O Connector

Japanese

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

English

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1565371-3](#)