

6376430-2 ✓ ACTIVE



## TH/025 Connector System

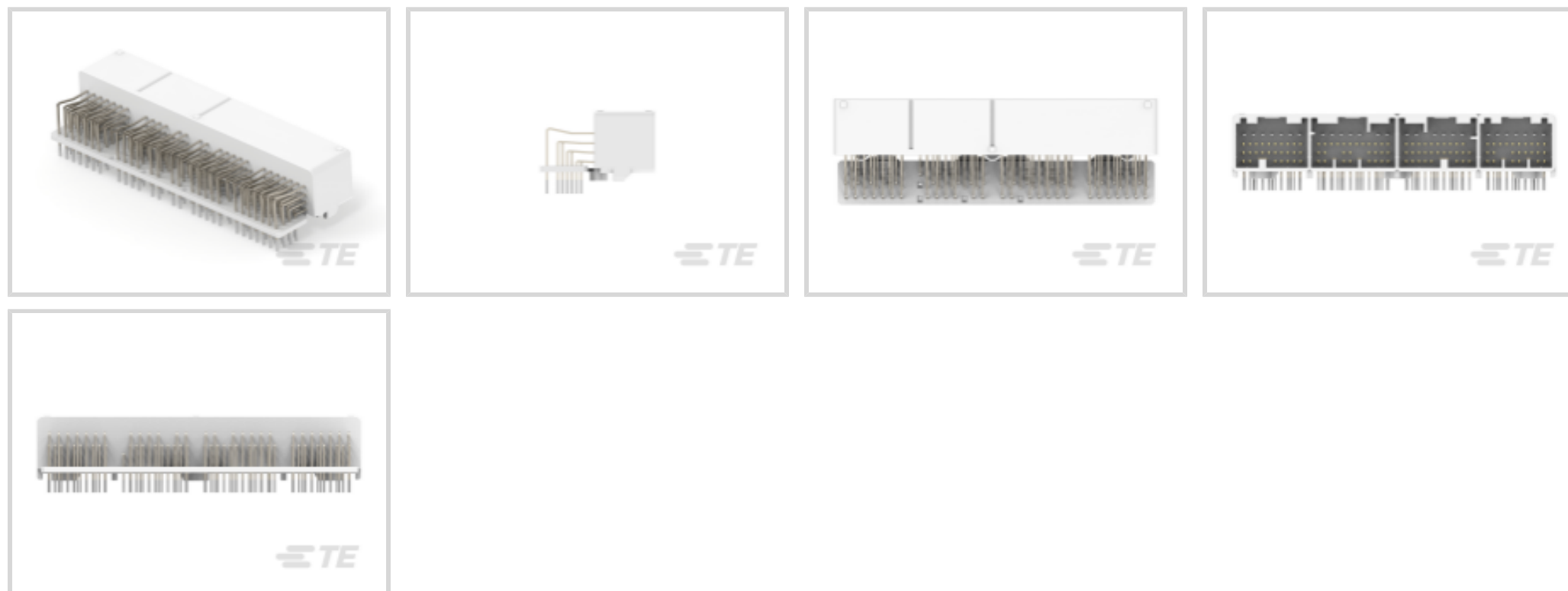
TE Internal #: 6376430-2

PCB Mount Header, Right Angle, Wire-to-Board, 135 Position, TH/

025 Connector System

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > High Pin Count Header



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

Number of Positions: **135**

Centerline (Pitch): **2.2 mm, 2.5 mm, 3.2 mm [ .087 in, .098 in, .125 in ]**

Sealable: **No**

PCB Mount Orientation: **Right Angle**

[All High Pin Count Header \(94\)](#)

## Features

### Product Type Features

Mixed & 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	4
Number of Positions	135
PCB Mount Orientation	Right Angle
Number of Rows	7

### Electrical Characteristics

Voltage Rating (Max)	12 VDC
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Nominal Voltage Architecture	12 V
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Operating Voltage	12 VDC
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### Body Features

Primary Product Color	Natural
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### Contact Features

Contact Type	Tab
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Contact Mating Area Plating Material	Gold (Au), Tin (Sn)
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### Termination Features

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

Mounting Holes	With
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Mating Alignment	With
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PCB Mount Alignment	With
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Panel Mount Feature	Without
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PCB Mount Retention	With
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PCB Mount Retention Type	Mounting Hole
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Connector Mounting Type	Board Mount
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### Housing Features

Centerline (Pitch)	2.2 mm, 2.5 mm, 3.2 mm [.087 in][.098 in][.125 in]
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### Dimensions

Connector Length	19.5 mm [.767 in]
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Connector Width	112.7 mm [4.437 in]
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	.063 in
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### Usage Conditions

Operating Temperature (Max)	105 °C [221 °F]
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Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
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### Operation/Application

Shielded	No
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Circuit Application	Power & Signal
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### Packaging Features

Packaging Type	Tube
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Packaging Quantity 4

**Other**

Interface Number	1123325, 1123326, 1123328, 1123329
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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 2023 (235) 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


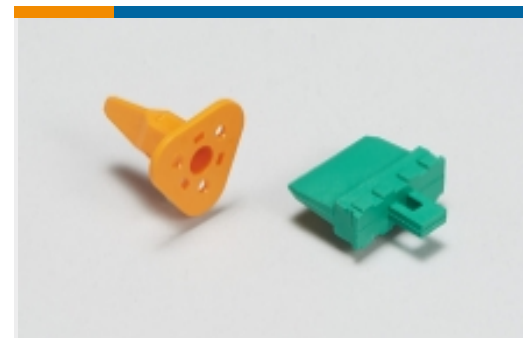






Product Compliance Disclaimer

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>

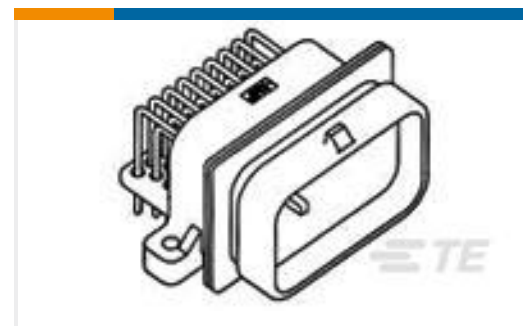
**Compatible Parts**



Also in the Series | [TH/.025 Connector System](#)

			
Automotive Connector Caps & Covers (2)	Automotive Connector Locks & Position Assurance(1)	Automotive Housings(195)	Automotive Terminals(22)
			
Connector Seals & Cavity Plugs(2)	Insertion & Extraction Tools(4)	Other Automotive Connector Accessories(5)	PCB Headers & Receptacles(124)

### Customers Also Bought

			
TE Part #3-1123309-2 DYNAMIC D-5 HDR H ASSY 4P XY	TE Part #6437288-2 SUPER SEAL 34POS CAP ASSY	TE Part #344108-1 36 WAY HEADER WIRE TO BD.FOR E	TE Part #7-967288-1 High Pin Count Header
			
TE Part #1-1565373-1 025 28POS CAP ASSY H AU	TE Part #1534162-1 AMP MCP 1.5K, CONTACT, SWS	TE Part #1-1473193-3 025/040 CAP HSG ASSY 70P	TE Part #1-5174912-2 040 MLC MK2 36POS CAP ASSY H AU

### Documents

#### Product Drawings

[0.64/1.0 135POS CAP ASSY](#)

Japanese

[0.64/1.0 135POS CAP ASSY](#)

Japanese

#### CAD Files

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6376430-2\\_AC.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6376430-2\\_AC.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6376430-2\\_AC.3d\\_stp.zip](#)

English

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

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### Product Specifications

[Application Specification](#)

Japanese

[Crimping .040III Unsealed Contact, Receptacle](#)

Japanese

[Crimping of 025 Receptacle Contact](#)

Japanese

[Application Specification](#)

Japanese

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### Instruction Sheets

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

Japanese

[025/040 I/O Connector](#)

Japanese

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

Japanese

[025/040 I/O Connector](#)

Japanese