



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



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

Number of Positions: **132**

Centerline (Pitch): **2.5 mm, 3 mm [.098 in, .118 in]**

Sealable: **Yes**

PCB Mount Orientation: **Vertical**

[All High Pin Count Header \(92\)](#)

Features

Product Type Features

Mixed & Hybrid Header	Yes
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Sections	3
Number of Signal Positions	132
Number of Positions	132
PCB Mount Orientation	Vertical
Number of Rows	2, 3

Electrical Characteristics

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



Body Features

Primary Product Color	Black
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Contact Features

Contact Size	.64mm, 2.3mm
Contact Type	Tab
Mating Tab Width	.64 mm, 1 mm [.025 in][.039 in]
Mating Tab Thickness	.64 mm [.025 in]
Contact Mating Area Plating Material	Tin

Termination Features

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

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

Housing Features

Centerline (Pitch)	2.5 mm, 3 mm [.098 in][.118 in]
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Dimensions

Connector Length	41.4 mm [1.63 in]
Connector Width	147.4 mm [5.803 in]
PCB Thickness (Recommended)	1.6 mm [.063 in]
Profile Height from PCB	33.8 mm [1.33 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C [149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 - 120 °C [-40 - 248 °F]

Operation/Application

Shielded	Yes
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Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	10
Packaging Method	Tray

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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-CH8172
TH/.025 CONNECTOR SYSTEM,
HOUSING

TE Part # 1717141-1
025/040 SEALED 132POS CAP HSG

TE Part # 1717141-2
025/040 SEALED 132POS CAP HSG

TE Part # 1827109-1
025/040 44POS COVER B-TYPE

TE Part # 1674419-2
WIRE COVER 44POSITION C-TYPE

Also in the Series | 0.64/025 Connector System

Automotive Connector Caps & Covers
(5)

Automotive Connector Locks &
Position Assurance(1)

Automotive Housings(138)

Automotive Terminals(18)

Connector Seals & Cavity Plugs(1)

Other Automotive Connector
Accessories(5)

PCB Headers & Receptacles(217)

Customers Also Bought

TE Part # 5413879-1
JACK ASSY,RTANG,BNC

TE Part # 1318384-2
Signal Header

TE Part # 1-1546670-8
18P.437" DR BARRIER,W/BND SCRW

TE Part # 284512-4
4 POS TERMI-BLOK HDR 900 POLAR



TE Part # 2098978-1
52 POSITION HYBRID VERTICAL HE



TE Part # 2069755-1
0.50 40POS Au18 Black CAP ASSY



TE Part # 1326508-6
PCB JACK, R/A, SNAP LOCK

Documents

Product Drawings

025/040 SEALED 132POS CAP ASSY

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1717139-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1717139-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1717139-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

CLEAN BODY 025/040 SEALED 132POS CONNECTOR

Japanese

Product Specification

Japanese

CLEAN BODY 025/040 SEALED 132POS CONNECTOR

Japanese

Product Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese