1717139-1 ✔ ACTIVE

AMP | 0.64/025 Connector System

TE Internal #: 1717139-1

Vertical, Wire-to-Board, 132 Position, 5 Row, 2.5mm / 3mm [.098in / .12in] Centerline, Tin (Sn), Sealable, 0.64/025 Connector System

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers > High Pin Count Header







PCB Mount Orientation: **Vertical**

Termination Method to PCB: **Through Hole - Screw**

Sealable: **Yes**

Centerline (Pitch): **2.5 mm, 3 mm [.098 in, .12 in]**

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

All High Pin Count Header (43)

Features

Product Type Features

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

Configuration Features

Number of Signal Positions	132
Number of Sections	3
PCB Mount Orientation	Vertical
Number of Positions	132
Number of Rows	5

Electrical Characteristics

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

Body Features

Primary Product Color	Black

Contact Features

Mating Tab Width	.64 mm, 1 mm[.025 in][.04 in]
Mating Tab Thickness	.64 mm[.025 in]
Contact Type	Tab
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Screw

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.5 mm, 3 mm[.098 in][.12 in]

Dimensions

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

Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Shielded	Yes
Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	10
Packaging Method	Tray

Other

Interface Number	1717138

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

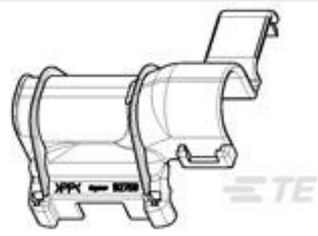
Compatible Parts



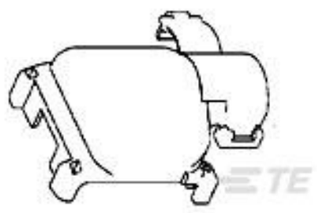
TE Part # CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM, HOUSING

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

TE Part # 1717141-1
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



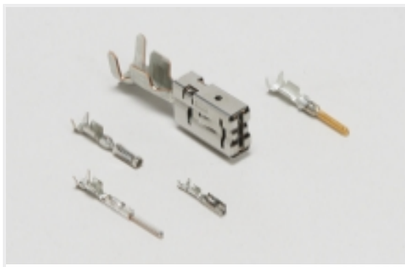
Automotive Connector Caps & Covers (6)



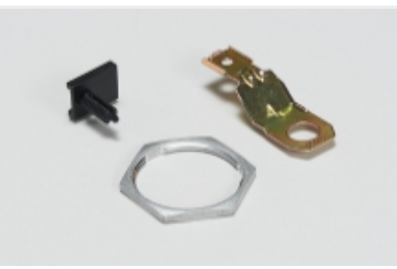
Automotive Signal & Power Connector Housings(174)



Automotive Signal & Power Headers (152)



Automotive Terminals(20)

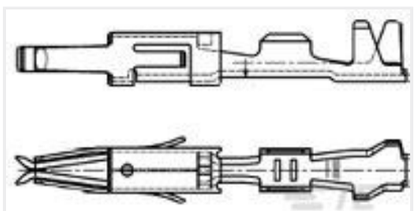


Other Automotive Connector Accessories(4)

Customers Also Bought



TE Part #CAT-T4827-CH8172
Timer Connector Housing



TE Part #963711-1
MICRO TIM REC-CONTACT



TE Part #2174100-1
CAP HOUSING ASSEMBLY 130POS 0.5 /1.0



TE Part #2203881-1
16POS,HYBRID,HEADER ASSY,90 DEG,SMD



TE Part #2272897-1
20POS,TAB0.5X0.4,HDR ASSY,90 DEG, SMD

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