2330010-1 ✔ ACTIVE

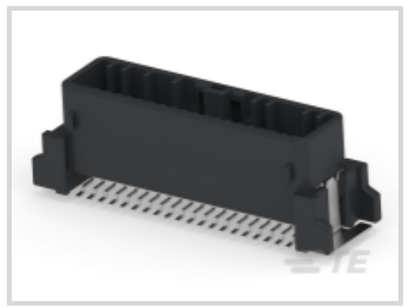
AMP | 0.64/025 Connector System

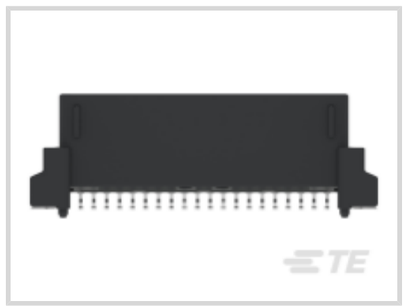
TE Internal #: 2330010-1

Horizontal, Wire-to-Board, 40 Position, 2 Row, 2.2mm [.086in] Centerline, Post-Tin, Printed Circuit Board, Signal, Black, 0.64/025 Connector System

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers




PCB Mount Orientation: **Horizontal**

Termination Method to PCB: **Surface Mount**

Sealable: **No**

Centerline (Pitch): **2.2 mm [.086 in]**

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

Features

Product Type Features

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

Configuration Features

Number of Signal Positions	40
Number of Sections	1
PCB Mount Orientation	Horizontal
Number of Positions	40
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
Voltage Rating (Max)	12 VDC

Body Features

Primary Product Color	Black

Contact Features

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

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Retention Type	Locking Interface
PCB Mount Retention	With
PCB Mount Retention Type	Solder Peg
Mating Alignment Type	Keyed
Mating Alignment	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.2 mm[.086 in]

Dimensions

Connector Width	59 mm[2.32 in]
Connector Length	21 mm[.83 in]
Profile Height from PCB	16.2 mm[.64 in]

Usage Conditions

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

Operation/Application

Solder Process	Reflow Solder Capable
Circuit Application	Signal

Packaging Features

Packaging Quantity	9
Packaging Method	Tube

Other

Interface Number	1379671

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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Reflow solder capable to 245°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 # 1379671-1
40W PLUG HSG ASSY BLACK

Also in the Series | 0.64/025 Connector System



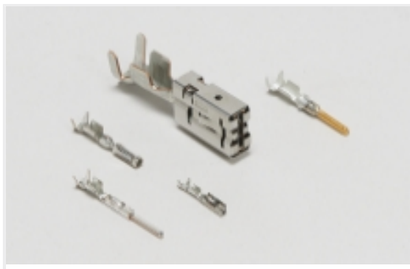
Automotive Connector Caps & Covers (6)



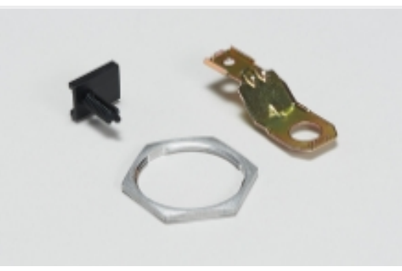
Automotive Housings(180)



Automotive Signal & Power Headers (172)



Automotive Terminals(21)



Other Automotive Connector Accessories(5)

Customers Also Bought



TE Part #CAT-SIGH262
Signal Header



TE Part #CAT-PFSMTH9264
Press-Fit & SMT Header



TE Part #2291173-1
025 SMD 12P CAP ASSEMBLY H-TYPE

Documents

Product Drawings

0.64 SMD 40POSITION CAP ASSEMBLY V-TYPE

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2330010-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2330010-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2330010-1_A.3d_stp.zip

English

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

Product Specifications

Product Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

English