2304517-2 ✔ ACTIVE

AMP | AMP 0.64 Connector System

TE Internal #: 2304517-2

Vertical, Board-to-Board / Wire-to-Board, 27 Position, 3 Row, 2.54 mm [.1in] Centerline, Tin (Sn), Printed Circuit Board, AMP 0.64 Connector System

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers







PCB Mount Orientation: **Vertical**

Contact Current Rating (Max): **.3 A**

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

Sealable: **No**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	27
Number of Rows	3

Electrical Characteristics

Operating Voltage	12 VDC
Voltage Rating (Max)	12 VDC

Body Features

Connector & Keying Code	B
Primary Product Color	Green

Contact Features

Contact Type	Pin
Contact Current Rating (Max)	.3 A
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Width	100 mm[3.93 in]
Connector Length	21.7 mm[.85 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Package
Packaging Quantity	1

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 with Exemptions
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: JUN 2020 (209) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

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 # 2138691-2
(1x3P,12x2P) 13 Pocket CAN Module PCB

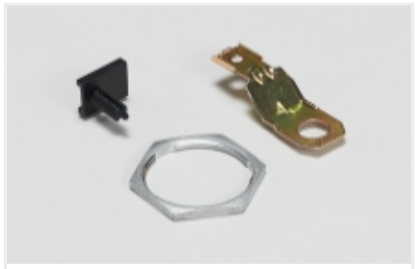
Also in the Series | AMP 0.64 Connector System



Automotive Housings(17)



Automotive Signal & Power Connector Housings(17)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



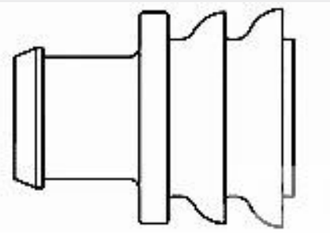
TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

(1x3P, 12x2P) 13 Pocket CAN Module Assy

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2304517-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2304517-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2304517-2_A.3d_stp.zip

English

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