2-2138644-5 ✔ ACTIVE

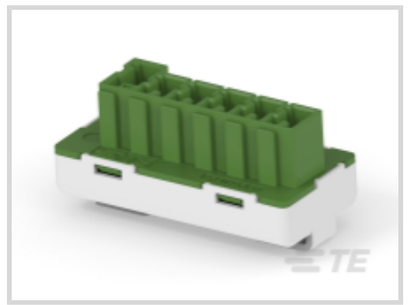
AMP | AMP 0.64 Connector System

TE Internal #: 2-2138644-5

Vertical, Board-to-Board, 13 Position, 3 Row, 2.54mm [.1in] Centerline, 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): **7.5 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
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	13
Number of Rows	3

Body Features

Primary Product Color	Green

Contact Features

Mating Tab Thickness	.63 mm[.025 in]
Contact Type	Pin
Mating Tab Width	.63 mm[.025 in]
Contact Current Rating (Max)	7.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Package

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: JUN 2020 (209) 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	Not applicable for solder process capability

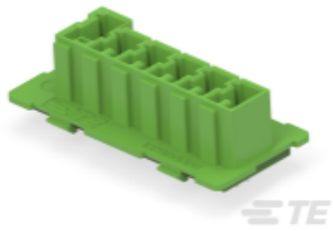
Product Compliance Disclaimer

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 # 2138647-1
(1x3P,5x2P) 6 Pocket CAN Module Cover

TE Part # 2-2138646-5
(1x3P,5x2P) 6 Pocket CAN Module Header



TE Part # 2-2138645-5
(1x3P,5x2P) 6 Pocket CAN Module Sub Assy

Also in the Series | AMP 0.64 Connector System



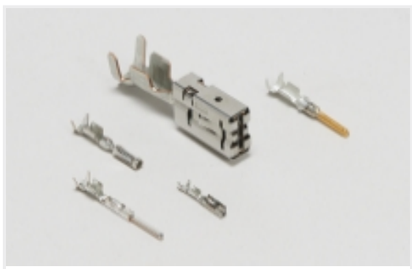
Automotive Connector Caps & Covers (10)



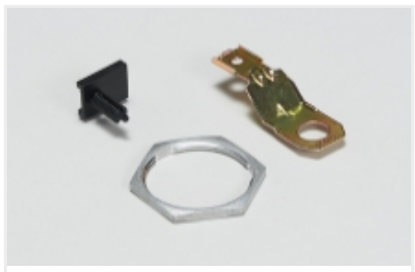
Automotive Housings(17)



Automotive Signal & Power Headers(6)

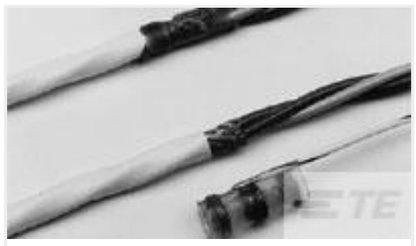


Automotive Terminals(6)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #F40876-000
B-155-9002



TE Part #2-2138685-5
27pos MQS .63 header 180deg



TE Part #5-2138685-5
27pos MQS .63 header 180deg



TE Part #2219011-2
HYB LIF 68P PLUG ASSY



TE Part #3-2219072-2
ABS 46P COVER ASSY TYPE B NON-RIB



TE Part #2-2272352-5
20 POCKET CAN MODULE ASSY (KEY B)



TE Part #1-2317591-3
250 5P PLUG ASSY-TYPE 2



TE Part #2219374-2
COVER HSG FOR TCU 68P PLUG JF

TE Part #1-2373974-3
025 14P JOINT CAP ASSY TYPE C

TE Part #2475277-1
MATE-AX,ETHERNET PLUG TPA-A

Documents

Product Drawings

(1x3P, 5x2P) 6 Pocket CAN Module Assy

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-2138644-5_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2138644-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2138644-5_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

German