1-1418888-6 ✔ ACTIVE

AMPMODU | AMPMODU Headers

TE Internal #: 1-1418888-6

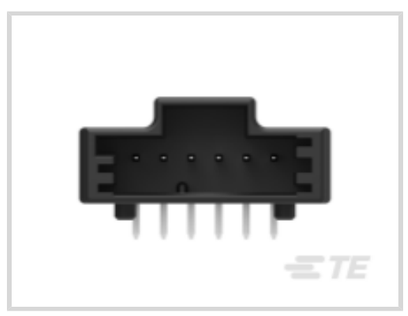
Horizontal, Wire-to-Board, 6 Position, 1 Row, 2.54mm [.1in] Centerline, Tin (Sn), Printed Circuit Board, AMPMODU Headers

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers > Press-Fit & SMT Header







PCB Mount Orientation: **Horizontal**

Contact Current Rating (Max): **7.5 A**

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

Sealable: **No**

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

All Press-Fit & SMT Header (23)

Features

Product Type Features

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

Configuration Features

Number of Sections	1
PCB Mount Orientation	Horizontal
Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	12 VAC

Body Features

Connector & Keying Code	A
Primary Product Color	Black

Contact Features

Mating Tab Thickness	.63 mm[.025 in]
Contact Type	Tab
Mating Tab Width	.63 mm[.025 in]
Contact Current Rating (Max)	7.5 A
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mounting Holes	With
Mating Retention Type	Locking Interface
Mating Alignment	With
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Length	25 mm[.984 in]
Profile Height from PCB	10 mm[.394 in]

Usage Conditions

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

Operation/Application

Solder Process	Wave Solder Capable
Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Method	Reel
Packaging Quantity	250

Other

Interface Number	114-18063-172

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	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 # 1-1355910-5
MQS STI-GEH 6P 90

Also in the Series | AMPMODU Headers



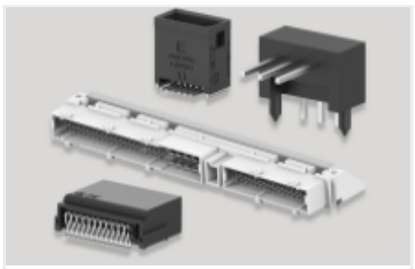
Automotive Headers(3)



Automotive Signal & Power Headers(3)



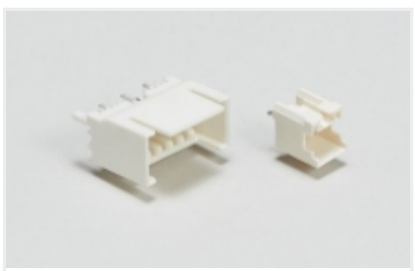
Connector Contacts(12)



PCB Headers & Receptacles(920)



Rectangular Power Connectors(25)



Wire-to-Board Headers & Receptacles (78)

Customers Also Bought



TE Part #936287-2
6pos MQS .63 header 90deg



TE Part #2103731-3
SPACER-SEAL ASSY,SIZE C,HVA280 2PI SE



TE Part #2310537-2
PLUG ASSY, KEY B, CPA, HVA280-2PHI, V0



TE Part #2343685-1
PLUG ASSY ,HVA280-4PHI



TE Part #2383104-3
REC CONN CVR,4POS,AMP MCP 2.8,180DEG



TE Part #1-2310469-5
CABLE SEAL RTNR, SIZE C, HVA280-2PI, V0

TE Part #2420481-1
2POS,TAB5.8X0.8,HDR ASSY,180DEG, COD A

TE Part #2496561-1
HVA280 2P HEADER ASSY, KEY A

TE Part #2496561-2
HVA280 2P HEADER ASSY, KEY B

TE Part #2496561-4
HVA280 2P HEADER ASSY, KEY D

Documents

Product Drawings

6POS,MODU II,HEADER ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1418888-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1418888-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1418888-6_A.3d_stp.zip

English

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Product Specifications

Application Specification

English