5-146486-3 ACTIVE

AMPMODU | AMPMODU Headers

TE Internal #: 5-146486-3

PCB Mount Header, Vertical, Board-to-Board, 6 Position, 2.54 mm [.

1 in] Centerline, Unshrouded, Tin (Sn), Through Hole - Solder,

AMPMODU Headers

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: PCB Mount Header

Connector System: Board-to-Board

Number of Positions: 6
Number of Rows: 2

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

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Unshrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Stackable Yes	
Number of Positions 6	
Number of Rows 2	
PCB Mount Orientation Vertical	
Board-to-Board Configuration Parallel	

Electrical Characteristics

Insulation Resistance 5000 M Ω

Body Features

Contact Features

100 – 200 μin



Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
Contact Mating Area Length	2.79 mm[.109 in]
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.54 – 5.08 μm[100 – 200 μin]
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	3 A
Termination Features	
Termination Post & Tail Length	3.12 mm[.123 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Through Hole - Solder
Mechanical Attachment	
Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	Without
Housing Features	
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic
Dimensions	
Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	7.62 mm[.3 in]
PCB Thickness (Recommended)	1.4 mm[.055 in]
Usage Conditions	
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
Compatible With Approved Standards Products	CSA LE7189, UL E28476
UL Flammability Rating	UL 94V-0



Packaging Features

Packaging Method	Package	
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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	No Restricted Materials 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 Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°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



Also in the Series | AMPMODU Headers





Automotive Signal & Power Headers(3)



Board-to-Board Headers & Receptacles(1147)



Connector Contacts(15)



Connector Hardware(1)



Rectangular Connector Housings(2)



Rectangular Power Connectors(25)



Wire-to-Board Connector Assemblies & Housings(2)

Customers Also Bought



TE Part #625159-000 D-110-35



TE Part #5-146254-2 04 MODII HDR DRST B/A .100CL



TE Part #5-146254-5
10 MODII HDR DRST B/A .100CL



TE Part #202236-7
III+PIN,SOLTAB,30AU>10,LP,SN



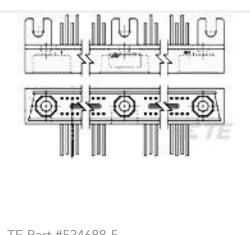
TE Part #443976-2 AMPLIMITE,ASY,RCPT,POSTD,109,2



TE Part #530341-1
BOX EST KEY PASSIVATED



TE Part #530721-1 MINI BOX EXTERNAL KEY PASSIV



TE Part #534688-5 M BOX RA PIN DHR,160 POS



TE Part #2-1462052-0 HF6 96 = 50OHM 140MW 12V BIST 2COIL



TE Part #5-1393788-7 V23079D1003B301

Documents

PCB Mount Header, Vertical, Board-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, Unshrouded, Tin (Sn), Through Hole - Solder, AMPMODU Headers



Product Drawings

06 MODII HDR DRST UNSHRD STKG

English

Datasheets & Catalog Pages

AMPMODU Interconnetion System

AMPMODU Interconnetion System

English