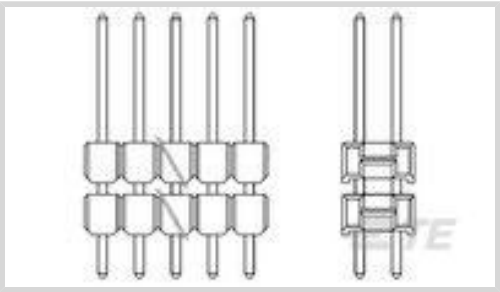




Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **30**

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

Features

Product Type Features

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

Configuration Features

Number of Rows	2
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	30
Board-to-Board Configuration	Parallel

Electrical Characteristics

Insulation Resistance	5000 MΩ
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Contact Features

Contact Mating Area Length	3 mm, 8.9 mm[.118 in][.35 in]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
Contact Underplating Material	Nickel



PCB Contact Termination Area Plating Material	Tin
Contact Base Material	CuZn
Contact Mating Area Plating Material	Gold Flash
Contact Mating Area Plating Material Thickness	.1 μm[3.94 μin]
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Post & Tail Length	3 mm[.118 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Green
Housing Material	PBT

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	6.4 mm[.251 in]
PCB Thickness (Recommended)	1.4 mm[.055 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Carton
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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: JUL 2021 (219) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 Headers(10)	Board-to-Board Headers & Receptacles(7077)	PCB Connector Mounting(1)	PCB Connector Shrouds(1)
PCB Latches, Locks & Retainers(2)	Wire-to-Board Connector Assemblies & Housings(5)	Wire-to-Board Connector Contacts(66)	Wire-to-Board Headers & Receptacles (79)

Customers Also Bought

 TE Part #4-2176391-7 RQ 1206 37K4 0.1% 10PPM 5K RL	 TE Part #2176314-4 MELF SMA_A 180R 0.1% 15PPM 0102 0.3W	 TE Part #1-928836-2 MOD2 PIN WITH A-PIN L/P	 TE Part #4-1879130-0 RN 0402 3K65 0.1% 10PPM CUT LENGTH
 TE Part #3-1415020-1 PT570N20	 TE Part #4-1624112-0 3650 0402 9.0nH 5% 2K RL	 TE Part #1-1437581-1 ASE22RL=AUTOSLIDE DP	

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_1-1241423-5_B.2d_dxf.zip
- English
- Customer View Model
- ENG_CVM_CVM_1-1241423-5_B.3d_igs.zip

1-1241423-5

AMPMODU Headers, PCB Mount Header, Vertical, Board-to-Board, 30 Position, 2.54 mm [.1in] Centerline, Breakaway, Gold Flash, Printed Circuit Board



English

Customer View Model

[ENG_CVM_CVM_1-1241423-5_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[AMPMODU Interconnection System](#)

[AMPMODU Interconnection System](#)

English