1-829192-7 ✔ ACTIVE

AMPMODU | AMPMODU Headers

TE Internal #: 1-829192-7

AMPMODU Headers, PCB Mount Header, Vertical, Board-to-Board, 34 Position, 2.54mm [.1in] Centerline, Breakaway, Gold, Printed Circuit Board

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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: **34**

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	34
Board-to-Board Configuration	Parallel

Electrical Characteristics

Insulation Resistance	5000 MΩ

Contact Features

Contact Mating Area Length	3 mm, 6 mm[.118 in][.236 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
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	12.3 mm[.484 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

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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



TE Part # 1-829262-7
2X17P MOD2 STIFTLEI

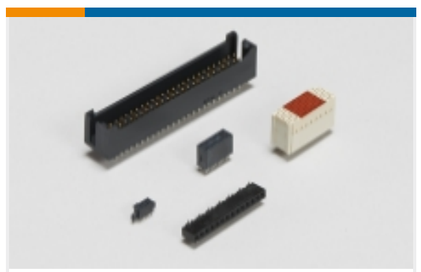


TE Part # 1-829309-7
2X17P MOD2 STIFTLEI

Also in the Series | AMPMODU Headers



Automotive Headers(10)



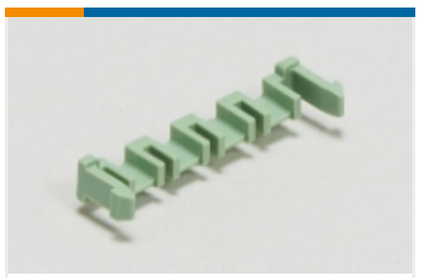
Board-to-Board Headers & Receptacles(7077)



PCB Connector Mounting(1)



PCB Connector Shrouds(1)



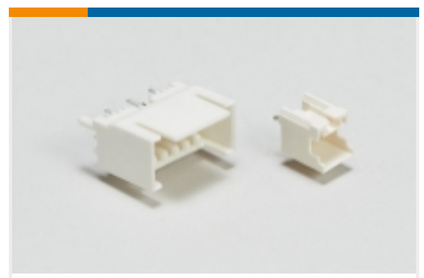
PCB Latches, Locks & Retainers(2)



Wire-to-Board Connector Assemblies & Housings(5)

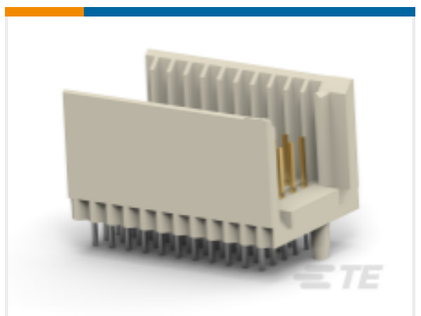


Wire-to-Board Connector Contacts(66)



Wire-to-Board Headers & Receptacles (79)

Customers Also Bought



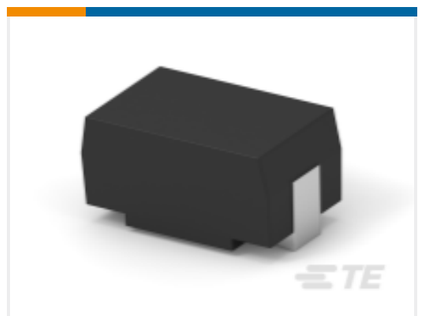
TE Part #5646951-1

Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm



TE Part #3-1623730-2

Wirewound Resistor: Vertical Mount



TE Part #1676966-8

SMD Power Resistor: 7 Watt, 200-2M Ohm



TE Part #917788-1

2.5 S.D.L POST HDR ASY 10P STD



TE Part #5-1614353-7

RN 0603 3K57 0.1% 10PPM CUT LENGTH



TE Part #4769634003

RNF-3000 Single Wall Spool HS Tubing



TE Part #1461401-5

STD OEG Miniature PCB OJ/OJE Pow Relays



TE Part #3-1393223-7

V23061B1009A301=MINISTARKSTROM



TE Part #1241171-3

MULTIFIT STE MK2 3P



TE Part #6-1415536-7

0410 63 046 005WG

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-829192-7_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-829192-7_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-829192-7_E.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMPMODU Interconnetion System

English

AMPMODU Interconnetion System