



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **8**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Parallel
PCB Mount Orientation	Vertical
Number of Positions	8
Number of Rows	1

Electrical Characteristics

Operating Voltage	30 VAC
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Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features



Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Mating Square Post Dimension	.64 mm[.025 in]
	100 – 200 μin
Contact Shape & Form	Square
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	2.29 mm
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

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

Housing Features

Housing Material	LCP, LCP GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Compatible With Approved Standards Products	CSA LE7189, UL E28476
UL Flammability Rating	UL 94V-0



Packaging Features

Packaging Quantity	26
Packaging Method	Tube

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	Pin-in-Paste capable to 260°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>

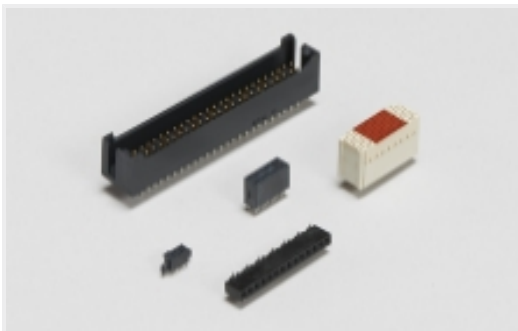
Compatible Parts



Also in the Series | AMPMODU Headers



Automotive Headers(1)



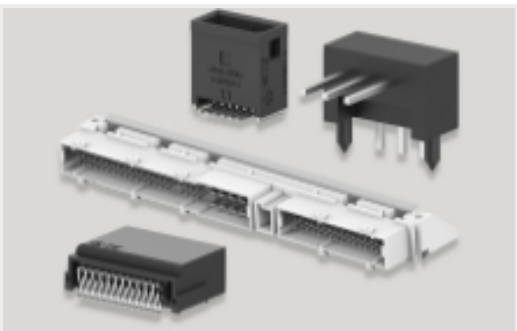
Board-to-Board Headers & Receptacles(1576)



Connector Contacts(47)



Connector Hardware(1)



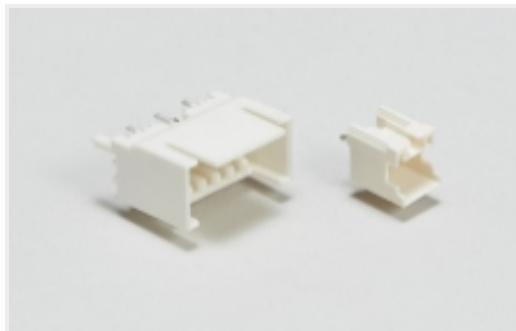
PCB Headers & Receptacles(1621)



Rectangular Power Connectors(43)

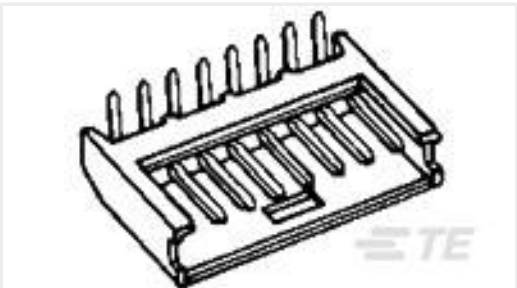


Wire-to-Board Connector Assemblies & Housings(5)

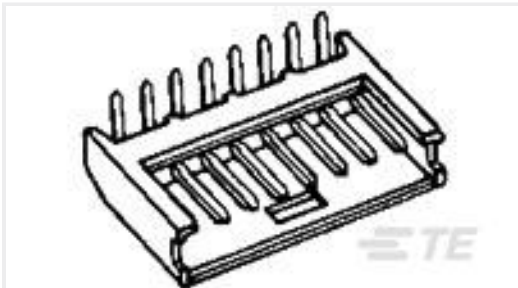


Wire-to-Board Headers & Receptacles (114)

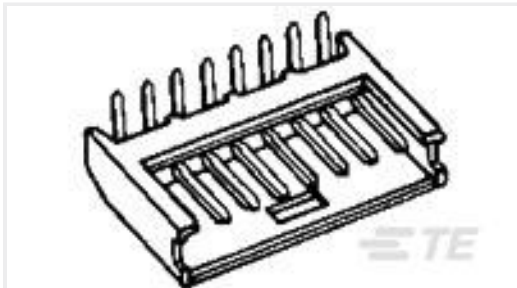
Customers Also Bought



TE Part #280379-2
6P MODU II SHRD HDR, RT ANG, 0.38 AU



TE Part #280377-1
2P AMPMODU II SHRD HDR, RT ANG, TIN



TE Part #280381-1
10P MODU II SHRD HDR, RT ANG, TIN



TE Part #4525DO-SS3AS015APF
PRESS XDCR,DIGITAL,PSI RANGE



TE Part #2-2176378-8
RQ 0805 19R1 0.1% 10PPM 5K RL



TE Part #5-146128-8
10 MODII HDR SR SFMNT B/A .100



TE Part #280390-1
2X8P MODU II SHRD HDR, RT ANG, TIN



TE Part #1879208-1
CPF 0402 10R 0.1% 25PPM 1K RL



TE Part #5-794618-2
22P MICRO MNL ASSY R/A HDR LF



TE Part #6-2176305-5
RP 1E 0.1W 499R 0.1% 25PPM 5K RL

Documents



Product Drawings

08 MODII HDR SR SFMNT B/A .100

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-146128-6_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-146128-6_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-146128-6_P.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_SECTION5

English

Product Specifications

PRODUCT SPECIFICATION, INTERCONNECTION SYSTEM, AMPMODU, 2 PIECE

English

Product Specification

Japanese

Product Specification

English