

280392-1 ✓ ACTIVE

AMPMODU | AMPMODU Headers

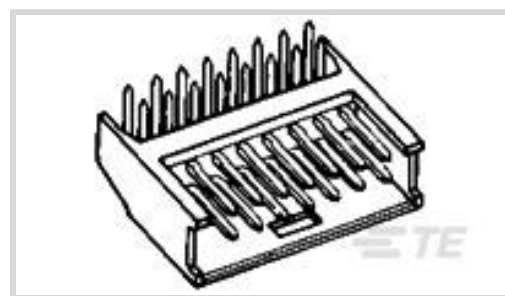
TE Internal #: 280392-1

PCB Mount Header, Right Angle, Board-to-Board, 30 Position, 2.54 mm [.1 in] Centerline, Partially Shrouded, Tin, AMPMODU Headers

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **30**

Number of Rows: **2**

Features

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 V
---------------------------------------	-------

Dimensions

Row-to-Row Spacing	2.54 mm [.1 in]
--------------------	-----------------

Packaging Features

Packaging Quantity	200
--------------------	-----

Packaging Method	Box
------------------	-----

Usage Conditions

Housing Temperature Rating	Standard
----------------------------	----------

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

Body Features

Connector Profile	Standard
-------------------	----------

Primary Product Color	Black
-----------------------	-------

Mechanical Attachment

Panel Mount Feature	Without
---------------------	---------

Mating Retention	With
------------------	------

Mating Alignment Type	Polarization
-----------------------	--------------

PCB Mount Retention	Without
---------------------	---------

PCB Mount Alignment	Without
---------------------	---------



Connector Mounting Type	Board Mount
-------------------------	-------------

Mating Alignment	With
------------------	------

Termination Features

Termination Post & Tail Length	3.5 mm [.138 in]
--------------------------------	------------------

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

Contact Features

Contact Shape & Form	Round
----------------------	-------

PCB Contact Termination Area Plating Material Thickness	3.5 μ m
---	-------------

Contact Base Material	Phosphor Bronze
-----------------------	-----------------

PCB Contact Termination Area Plating Material	Tin
---	-----

Contact Mating Area Plating Material Finish	Bright
---	--------

Contact Mating Area Plating Material	Tin
--------------------------------------	-----

Contact Type	Pin
--------------	-----

Housing Features

Housing Material	Thermoplastic
------------------	---------------

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
----------------------------------	--------------

PCB Mount Orientation	Right Angle
-----------------------	-------------

Number of Positions	30
---------------------	----

Number of Rows	2
----------------	---

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
-----------------------------	------------------

Connector System	Board-to-Board
------------------	----------------

Header Type	Partially Shrouded
-------------	--------------------

Sealable	No
----------	----

Connector & Contact Terminates To	Printed Circuit Board
-----------------------------------	-----------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Other

EU RoHS Compliance	Compliant
--------------------	-----------

EU ELV Compliance	Compliant
-------------------	-----------

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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>

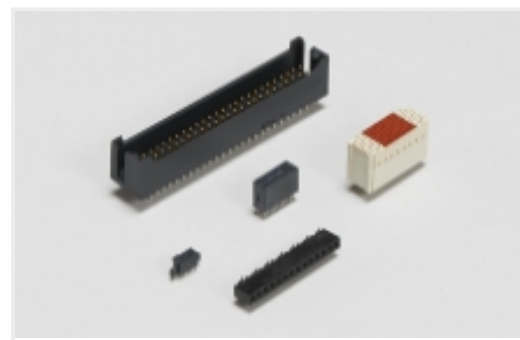
Compatible Parts



Also in the Series | [AMPMODU Headers](#)



Automotive Headers(1)



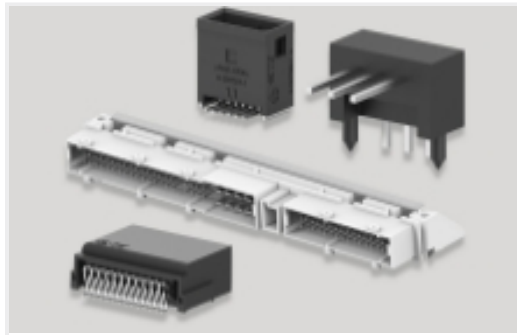
Board-to-Board Headers & Receptacles(1575)



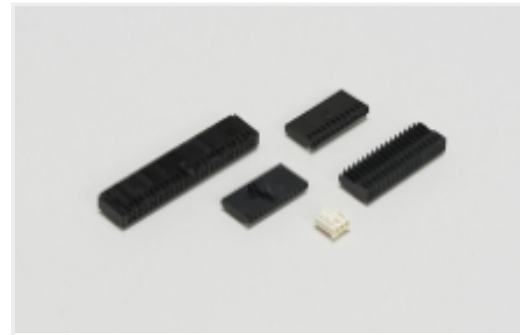
Connector Contacts(52)



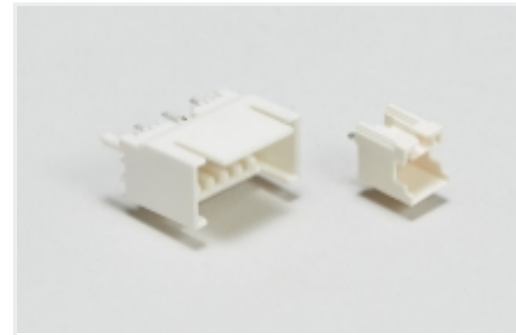
Connector Hardware(1)



PCB Headers & Receptacles(1620)

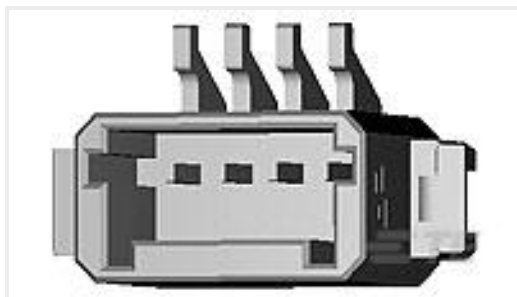


Wire-to-Board Connector Assemblies & Housings(5)



Wire-to-Board Headers & Receptacles (114)

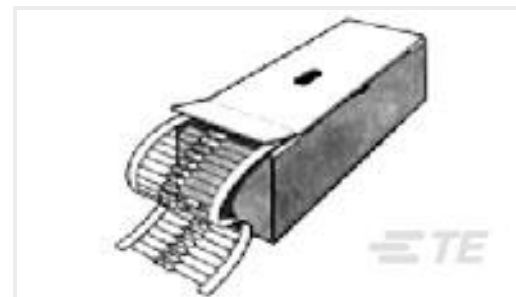
Customers Also Bought



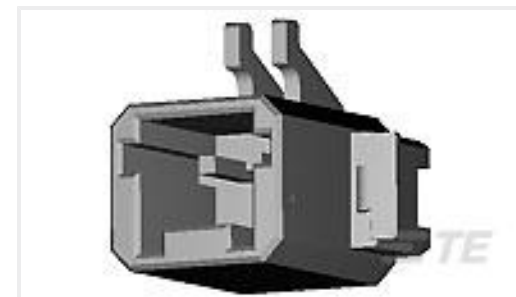
TE Part #2106091-3
4 pos Inverted Thru Board SMT Header



TE Part #280510-1
2X9P MODU II SHRD HDR, RT ANG, TIN



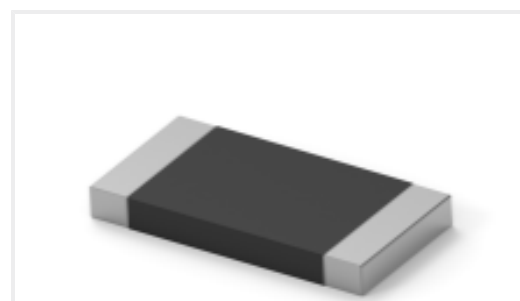
TE Part #2176084-7
EP 7W (S) 100R 5%



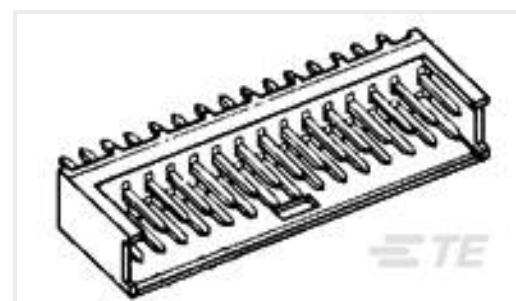
TE Part #2106091-1
2 pos Inverted Thru Board SMT Header



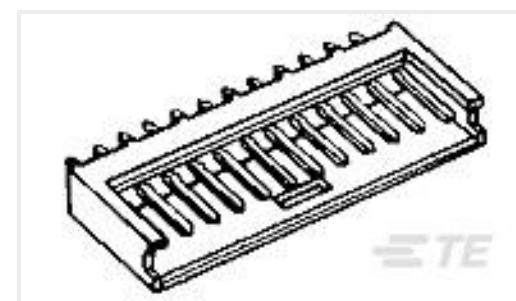
TE Part #3-5353652-6
.5FHP08H,440,B,GIG,08/Sn,HT,NSYes



TE Part #9-2176422-5
TLRP 2512 3.0W R120 1% 75PPM 4K RL



TE Part #280385-1
2X8P AMPMODU II SHRD HDR, ST, TIN



TE Part #280371-2
4P AMPMODU II SHRD HDR, ST, 0.38 AU



TE Part #1-2176331-6
CRGP 2512 180R 1%



TE Part #292228-4
1.5 MINI CT SGL H SMT W/O BOSS

Documents



Product Drawings

[2X15P MODU II SHRD HDR, RT ANG,TIN](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_280392-1_AB_c-280392-1-ab.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_280392-1_AB_c-280392-1-ab.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_280392-1_AB_c-280392-1-ab.3d_stp.zip](#)

English

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

Agency Approvals

[UL](#)

English