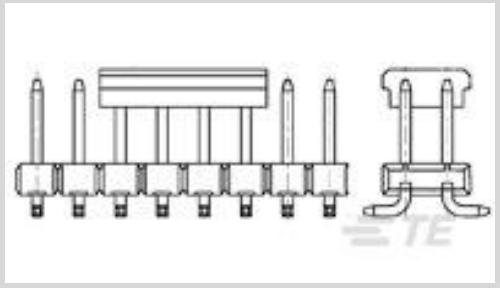




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

Number of Rows: **2**

Features

Product Type Features

Mixed & Hybrid Header	No
PCB Connector Type	PCB Mount Header
Connector System	Cable-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
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	63 VAC
Dielectric Withstanding Voltage (Max)	650 VAC

Body Features

--	--



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

Contact Features

Contact Mating Area Plating Material Thickness	.8 µm[31.5 µin]
Mating Square Post Dimension	.5 mm[.02 in]
Contact Shape & Form	Square
Contact Layout	Matrix
Contact Mating Area Length	3.45 mm[.136 in]
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
Contact Type	Pin
Contact Current Rating (Max)	1 A

Termination Features

Square Termination Post & Tail Dimension	.5 mm[.02 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
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Row-to-Row Spacing	2 mm[.079 in]
Connector Width	6.5 mm[.25 in]
Connector Height	4.75 mm[.187 in]
Connector Length	4 mm[.157 in]

Usage Conditions

Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application



Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Recognized
Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1000
Packaging Method	Reel

Other

Position Locations Omitted	0
----------------------------	---

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder 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

TE Part # 1-966926-2
2X12P MODU 2MM PIN HDR,SMD, BLSTR

Also in the Series | AMPMODU 2 mm

Board-to-Board Headers & Receptacles(8160)

Connector Contacts(27)

PCB Headers & Receptacles(8190)

Wire-to-Board Connector Assemblies & Housings(202)

Wire-to-Board Headers & Receptacles (1037)

Customers Also Bought

TE Part #CAT-AX41-IM11B
Standard Signal Relay 2 Form C,2 CO Cont

TE Part #054595-E
SMCB 26 M AB VV 3-03 CLHD * 0007 137 E00

TE Part #234833-E
SRCA 2,54 2 M 1 SMD 137 E1 166 * GURT *

TE Part #144183-E
SMCQ 68 M AB VV 3-04 * 2,8 0003 137 E001



TE Part #224512-E
MSPEED 50 F SMD F6 * AB VV 137 094
** E

TE Part #354003-E
MRDEZT MUTTER M14 X 1 FUER PL.
DI 1MM **

TE Part #5569261-1
STK MJ ASSY,8POS,2X3,SHLD,CAT5

TE Part #839964-E
IDCCS SRC 1,27 8 * SPX SPX 50 HT

Documents

Product Drawings

2X2P MODU 2MM PIN HDR,SMD, BLSTR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-966926-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-966926-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-966926-2_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 Interconnetion System

AMPMODU Interconnetion System

English