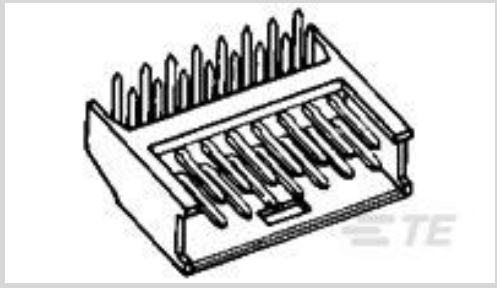




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **24**

Number of Rows: **2**

Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	24
Number of Rows	2

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 V
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Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.5 µm
Contact Shape & Form	Round



Contact Mating Area Plating Material Finish	Bright
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.381 μm[15 μin]
Contact Type	Pin

Termination Features

Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention	With
Panel Mount Feature	Without
Mating Alignment	With
Mating Alignment Type	Polarization
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic

Dimensions

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

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

Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	250
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: 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

TE Part # 280515
AMPMODU II REC. HSG, DUAL ROW,
24 POS.

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



Connector Caps & Covers(1)

Connector Contacts(64)

Connector Hardware(2)

PCB Headers & Receptacles(3197)

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

Customers Also Bought

TE Part #1-640457-6
16P MTA100 HDR ASSY SQ R/A F/L

TE Part #8-1879021-3
SMW3 270R 5%

TE Part #5103309-6
A/L LOW PRO HDR 26P VERT BLACK

TE Part #9-176975-1
AMP UNIVERSAL POWER PLG 2P PCB

TE Part #282845-2
TERM-BLOK,PCB MNT,90DG,2P,7.62

TE Part #280633
AMPMODU II COSI PIN HSG, SGL ROW, 10 POS

TE Part #2337234-4
TACT MICRO JB 4.6X4.4X0.55 P3.5 260GF

TE Part #1-2176377-1
RQ 0805 169K 0.1% 10PPM 1K RL

Documents

Product Drawings
2X12P MODU II SHRD HDR, RT ANG,AU
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_280522-2_AB_c-280522-2-ab.2d_dxf.zip

280522-2

PCB Mount Header, Right Angle, Board-to-Board, 24 Position, 2.54 mm [.1 in]
Centerline, Partially Shrouded, Gold, AMPMODU Headers



English

Customer View Model

[ENG_CVM_CVM_280522-2_AB_c-280522-2-ab.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_280522-2_AB_c-280522-2-ab.3d_stp.zip](#)

English

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