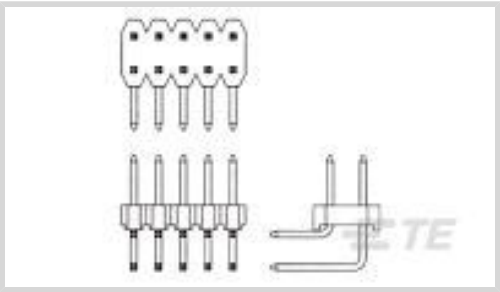




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **34**

Number of Rows: **2**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Breakaway
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	No
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	34
Number of Rows	2
Board-to-Board Configuration	Orthogonal

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features



Contact Mating Area Length	4 mm[.16 in]
Mating Square Post Dimension	.5 mm[.02 in]
Contact Layout	Matrix
	50 μin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.381 μm[15 μin]
Contact Type	Pin
Contact Current Rating (Max)	1 A

Termination Features

Square Termination Post & Tail Dimension	.5 mm[.02 in]
Termination Post & Tail Length	2 mm[.079 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2 mm[2 in]
Housing Material	PA 6T

Dimensions

Connector Length	34 mm[1.33 in]
Connector Height	4 mm[.157 in]
Connector Width	4 mm[.157 in]
Row-to-Row Spacing	2 mm[.078 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]



Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

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

Packaging Features

Packaging Quantity	120
Packaging Method	Tray

Other

Position Locations Omitted	0
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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	Not Yet Reviewed
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 6-1775653-4
AMPMODU 2.0,RCPT,R/A,34POS,P1.
27,15u"Au

Also in the Series | AMPMODU 2 mm

Connector Contacts(27)

PCB Headers & Receptacles(10386)

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

Customers Also Bought

TE Part #4-2176391-7
RQ 1206 37K4 0.1% 10PPM 5K RL

TE Part #2176314-4
MELF SMA_A 180R 0.1% 15PPM 0102 0.3W

TE Part #1-1825006-9
GDS10S04=DIP SW,SLIDE,SMT

TE Part #1-928836-2
MOD2 PIN WITH A-PIN L/P

TE Part #7-2176246-6
CRGS2512 5% 1M8

TE Part #3-1415020-1
PT570N20

TE Part #1-1437581-1
ASE22RL=AUTOSLIDE DP

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-1775652-4_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-1775652-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1775652-4_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

Product Specifications

Product Specification

English