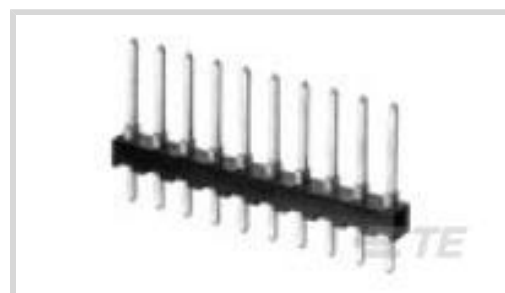




Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Assembly Type: **PCB Mount Header**PCB Mount Orientation: **Vertical**Connector System: **Board-to-Board**Number of Positions: **15**Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	15
Number of Rows	1
Board-to-Board Configuration	Parallel

Electrical Characteristics

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 Vrms

Body Features

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

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
------------------------------	-----------------



Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.38 μm [15 μin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	Without
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

PCB Thickness (Recommended)	1.4 mm[.055 in]
-----------------------------	-----------------

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-55 – 125 $^{\circ}\text{C}$ [-67 – 257 $^{\circ}\text{F}$]

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

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



Packaging Features

Packaging Quantity	100
Packaging Type	Carton

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 240°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

 <p>TE Part # 1-5535676-4 15 MODII HORZ SR CE 100CL</p>	 <p>TE Part # 6-147729-4 15 MODIV VRT SR SFMNT SN</p>	 <p>TE Part # 7-146386-0 15 MODII VRT SR CE 100/115</p>
--	---	--

Also in the Series | AMPMODU Headers



Connector Caps & Covers(1)

Connector Hardware(2)

PCB Headers & Receptacles(4869)

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

Wire-to-Board Connector Contacts(65)

Customers Also Bought

TE Part #6418370001
TMS-SCE-1/8-2.0-4

TE Part #820182-000
381A301-71-0

TE Part #5053134034
RNF-100-1/4-9-SP

TE Part #820057-000
322A112-25-0

TE Part #215307-8
2X8P HV100 REC CON. TE, 7.0MM

TE Part #625159-000
D-110-35

TE Part #625160-000
D-110-41

TE Part #C21881-000
B-155-9004

TE Part #E74832-000
B-155-9003

TE Part #F40876-000
B-155-9002

Documents



Product Drawings

[15 MODII HDR SRST UNSHRD .100](#)

English

CAD Files

Customer View Model

[ENG_CVM_1-87224-5_L.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-87224-5_L.2d_dxf.zip](#)

English

[3D PDF](#)

English

Customer View Model

[ENG_CVM_1-87224-5_L.3d_igs.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