966926-5 ✔ ACTIVE

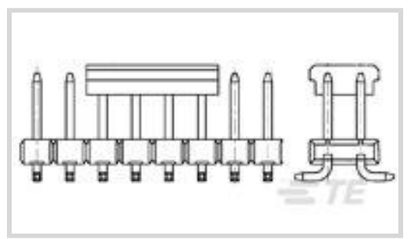
AMPMODU | AMPMODU 2 mm

TE Internal #: 966926-5

PCB Mount Header, Vertical, Board-to-Board, 10 Position, 2 mm [.079 in] Centerline, Breakaway, Gold, Surface Mount, Signal, Black, Reel, AMPMODU 2 mm

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Vertical**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Position Locations Omitted	0

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Parallel
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	10
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
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	Polyphenylene Sulfide (PPS)
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	10 mm[.393 in]

Usage Conditions

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

Packaging Features

Packaging Quantity	1000
Packaging Method	Reel

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	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 # 2-1470209-8
RCPT,2MM,10P,VRT MT,8AU,2.6ST

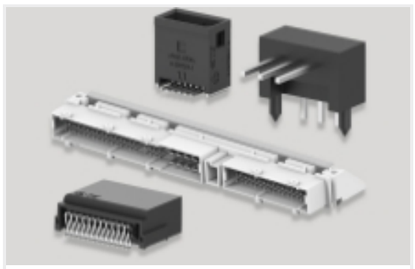


TE Part # 7-1470209-8
RCPT,2MM,10P,VRT MT,30AU,2.6ST

Also in the Series | AMPMODU 2 mm



Connector Contacts(27)



PCB Headers & Receptacles(8190)



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

Customers Also Bought



TE Part #4-2176337-5
CRGCQ 0402 47K 1%

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_966926-5_E.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_966926-5_E.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_966926-5_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4

English