

2-179868-2 ✓ ACTIVE

AMPMODU | AMPMODU 2 mm

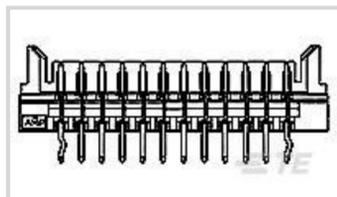
TE Internal #: 2-179868-2

PCB Mount Header, Vertical, Board-to-Board, 22 Position, 2 mm [.079 in] Centerline, Partially Shrouded, Tin (Sn), Through Hole - Solder, AMPMODU 2 mm

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **22**

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

Board-to-Board Configuration	Parallel
Stackable	No
PCB Mount Orientation	Vertical
Number of Positions	22
Number of Rows	2

Body Features

Primary Product Color	White
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Contact Features

Contact Mating Area Plating Material Thickness	.8 μ m[31.5 μ in]
Mating Tab Width	1.9 mm[.075 in]
Contact Base Material	Copper Alloy



Mating Tab Thickness	.4 mm[.016 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Tab
Contact Current Rating (Max)	1.5 A

Termination Features

Rectangular Termination Post & Tail Width	.6 mm[.024 in]
Rectangular Termination Post & Tail Thickness	.4 mm[.016 in]
Termination Post & Tail Length	3.1 mm[.122 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Self-Aligning (Alignment Free)
PCB Mount Retention Type	Kinked Legs
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Mating Entry Location	Top
Housing Material	PBT GF
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Row-to-Row Spacing	4 mm[.157 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]
Connector Height	8.31 mm[.327 in]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	170
Packaging Method	Box, Tray

Product Compliance

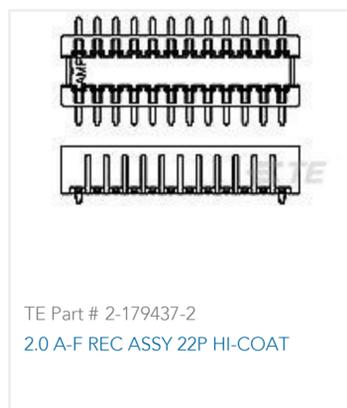
[For compliance documentation, visit the product page on TE.com>](#)

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	Wave solder capable to 265°C

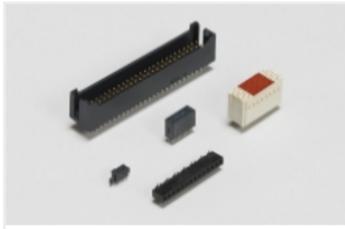
Product Compliance Disclaimer

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



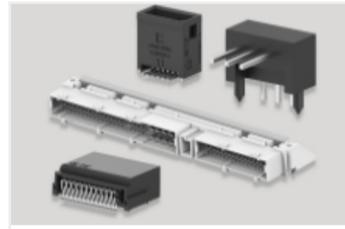
Also in the Series | [AMPMODU 2 mm](#)



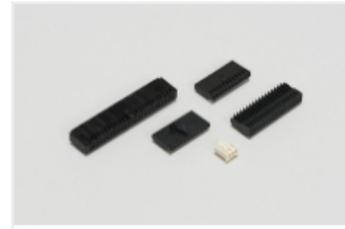
Board-to-Board Headers & Receptacles(8160)



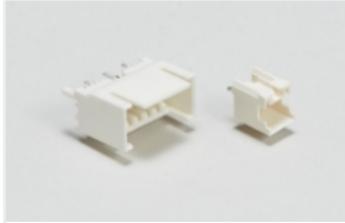
Connector Contacts(27)



PCB Headers & Receptacles(8190)



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



Wire-to-Board Headers & Receptacles (1037)

Customers Also Bought



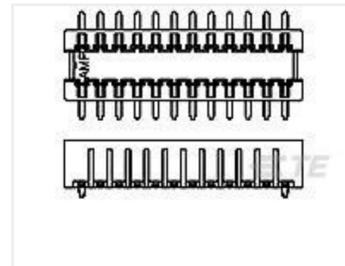
TE Part #CAT-D9934-A75E
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #1-179276-2
DYNAMIC 3200 HDR ASSY 2P H



TE Part #1461492-5
OJT-SS-112LM,000 RELAY



TE Part #2-179437-2
2.0 A-F REC ASSY 22P HI-COAT



TE Part #CAT-D9934-A66B
DYNAMIC 2000 HDR ASSY



TE Part #1447009-5
SHIELD FINGER 0820 TYPE



TE Part #6116173-1
INV MJ.1X1,PNL GRD,SHLD,LED (G/Y)



TE Part #1-406541-7
MJ,INV,1X1,6PNL,.1"ST,SN,KINKD

Documents

Product Drawings

[2.0 A-F TAB ASSY 22P L=3.1](#)

English

Datasheets & Catalog Pages

[AMPMODU Interconnection System](#)

[AMPMODU Interconnection System](#)

English

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