

1-1241050-2 ✓ ACTIVE

AMPMODU | AMPMODU Headers

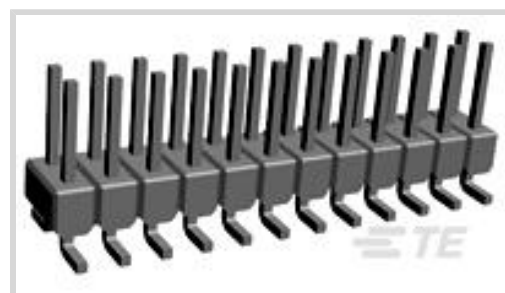
TE Internal #: 1-1241050-2

PCB Mount Header, Vertical, Board-to-Board, 24 Position, 2.54 mm
[.1 in] Centerline, Breakaway, Gold, Surface Mount, Signal, Black,
AMPMODU Headers

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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: **24**

Number of Rows: **2**

Features

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
PCB Mount Orientation	Vertical
Number of Positions	24
Number of Rows	2
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	Black
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Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3 μ m
Contact Shape & Form	Square
Contact Underplating Material	Nickel



PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Zinc, Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.8 μm [31.5 μin]
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to Printed Circuit Board	Surface Mount

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	PCT GF

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 $^{\circ}\text{C}$ [-85 – 221 $^{\circ}\text{F}$]

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	300
Packaging Type	Reel

Product Compliance



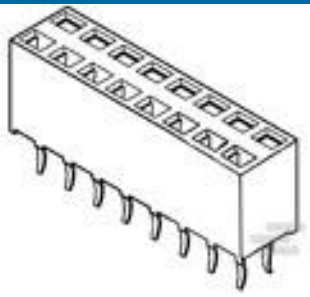

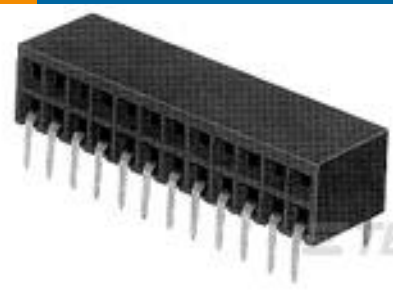
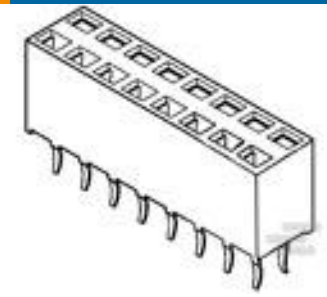
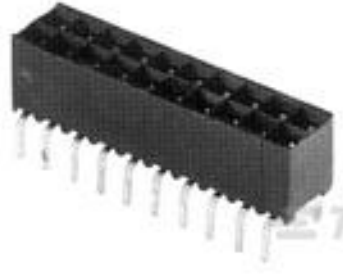
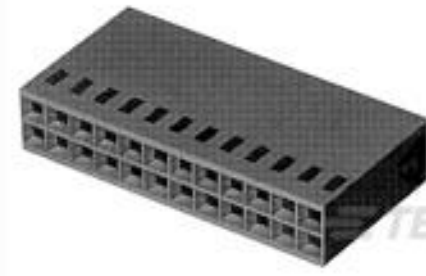
[For compliance documentation, visit the product page on TE.com>](#)

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

 <p>TE Part # 1-215307-2 2X12P HV100 REC CON. TE, 7.0MM</p>	 <p>TE Part # 1-969973-2 2x12P HV100 REC. CON, SMD, GOLD, BLISTER</p>	 <p>TE Part # 1-216604-2 HV190 REC ASSY 2X12P.</p>	 <p>TE Part # 1-215309-2 2X12P HV100 REC CON. TE, 8.5MM</p>
 <p>TE Part # 1-829264-2 2X12P HV100 REC.CON.B/TE,6.2MM, NO KINK</p>	 <p>TE Part # 1-925367-2 MOD 4 REC.HSG 2X12P</p>		

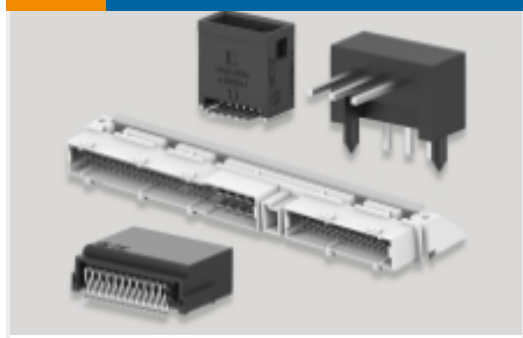
Also in the Series | AMPMODU Headers



PCB Connector Mounting(1)



PCB Connector Shrouds(1)



PCB Headers & Receptacles(4961)



PCB Latches, Locks & Retainers(2)

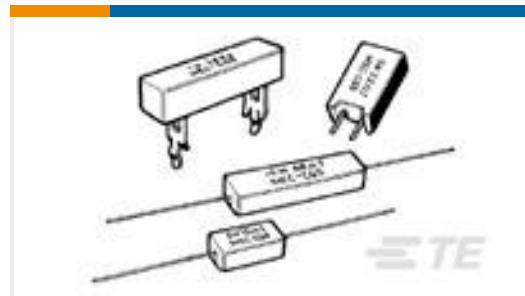


Wire-to-Board Connector Assemblies & Housings(5)

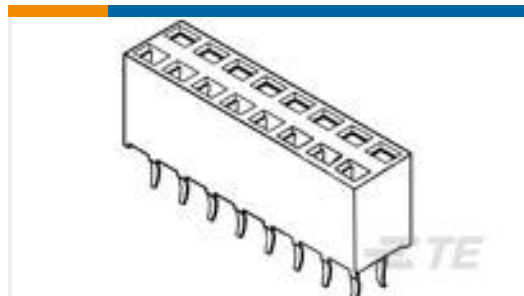


Wire-to-Board Connector Contacts(65)

Customers Also Bought



TE Part #1623788-1
SQMS 100R 5% (WIRE)



TE Part #1-215307-2
2X12P HV100 REC CON. TE, 7.0MM



TE Part #GA10K3A1AM
DISCRETE 10K, +/-0.05C FROM 32C to 44C



TE Part #1742975-1
110 PL REC. 22-18AWG TPBR



TE Part #1-1337445-0
BNC Str PCB Skt 50Ohm Silver P



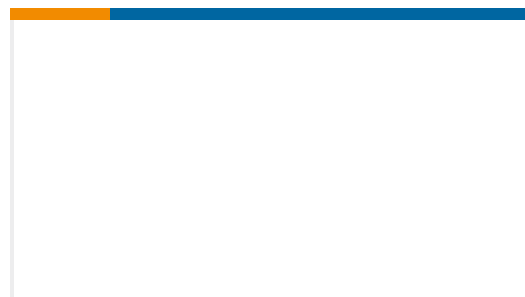
TE Part #1241150-8
8P MOD II BREAK AWAY HDR, SMD, BLISTER



TE Part #227426-1
BNC BLKHD RECPT SEALED



TE Part #169400
CERTI-LOK FRAME W/O DIES



TE Part #4-1372710-5
CUTTING BLADE



TE Part #169404
CERTI-LOK DIE



Documents

Product Drawings

[2x12P MOD II BREAK AWAY HDR,SMD, BLISTER](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1241050-2_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1241050-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1241050-2_C.3d_stp.zip](#)

English

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

Product Environmental Compliance

[TE Material Declaration](#)

English