

1241050-3 ✓ ACTIVE

AMPMODU | AMPMODU Headers

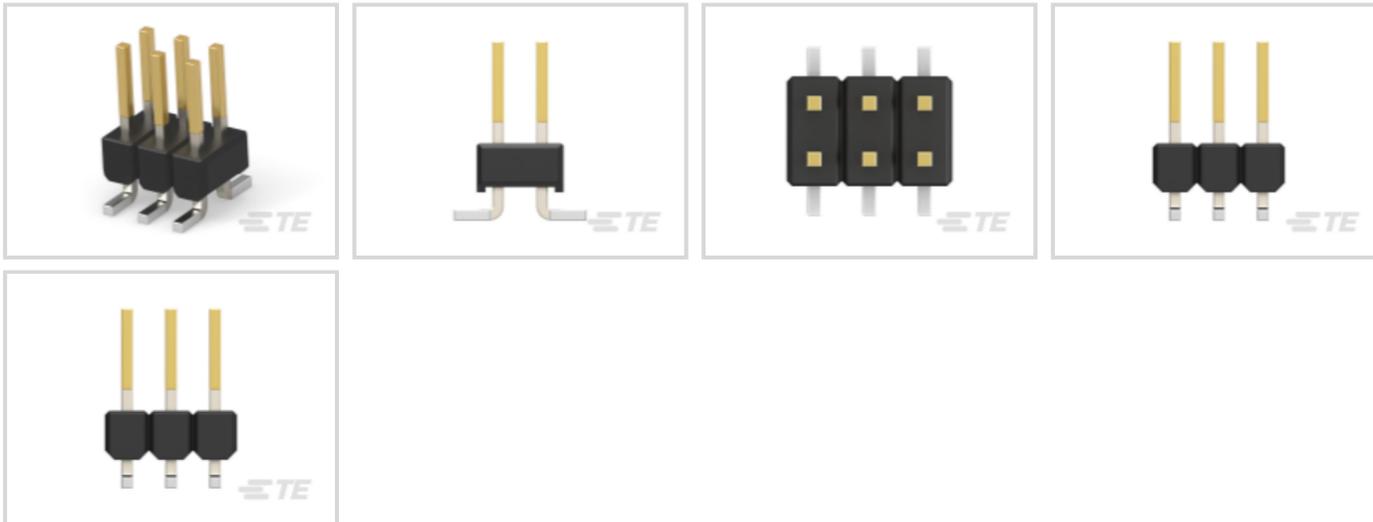
TE Internal #: 1241050-3

PCB Mount Header, Vertical, Board-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, Breakaway, Gold (Au), Surface Mount, Signal, AMPMODU Headers

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **6**

Number of Rows: **2**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
Number of Positions	6
Number of Rows	2
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm [50 μin]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	3 μm [118 μin]
Contact Layout	Matrix
Contact Mating Area Length	5.8 mm[.228 in]
Contact Base Material	Copper Zinc, Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.8 μm [31.5 μin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

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

Mechanical Attachment

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

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	350
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Packaging Method	Reel
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Reflow solder capable to 260°C
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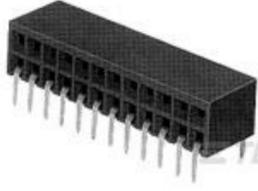
Product Compliance Disclaimer

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>

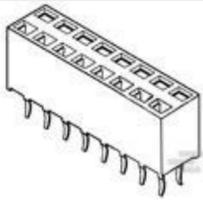
Compatible Parts




TE Part # 969973-3
2x3P HV100 REC. CON, SMD, GOLD, BLISTER



TE Part # 216604-3
HV190 REC ASSY 2X 3P.



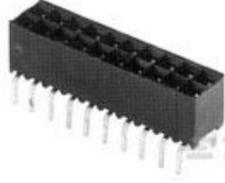
TE Part # 215309-3
2X3P HV100 REC CON. TE, 8.5MM



TE Part # 215307-3
2X3P HV100 REC CON. TE, 7.0MM



TE Part # 925367-3
MOD 4 REC.HSG 2X03P

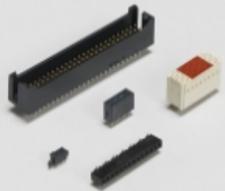


TE Part # 829264-3
2X 3P HV100 REC CON.B/TE, 6.2,NO KINK

Also in the Series | **AMPMODU Headers**



Automotive Signal & Power Headers(3)



Board-to-Board Headers & Receptacles(1147)



Connector Contacts(15)



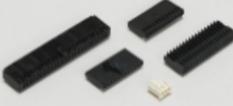
Connector Hardware(1)



Rectangular Connector Housings(2)

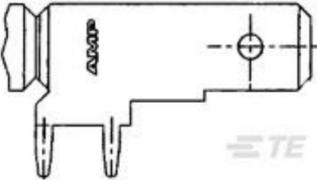


Rectangular Power Connectors(25)



Wire-to-Board Connector Assemblies & Housings(2)

Customers Also Bought



TE Part #1217754-1
250 FASTON,FLAG,PCB TAB,TNBR



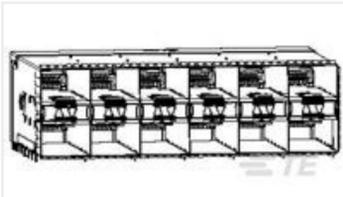
TE Part #7-1614353-1
RN 0603 432R 0.1% 10PPM CUT LENGTH



TE Part #2-1614885-7
CPF 0805 910K 0.1% 25PPM 1K RL



TE Part #1623772-1
C7 100R 2% AMMO PK



TE Part #2198339-7
zSFP+ STACKED 2X6 RECEPTACLE ASSEMBLY



TE Part #2205063-2
CA MICRO-MATCH MOW-MOW 10POS



TE Part #2314513-1
10POS, TAB0.5X0.4, HDR ASSY, 180DEG, COD A



TE Part #3-966658-1
32pos MQS .63 header 180deg

TE Part #2274270-7
zSFP+ STACKED 2X8 RECEPTACLE ASSEMBLY

TE Part #2301210-1
ZSFP+ STACKED 2X12 RCPT ASSY, EMI SPRING

Documents

Product Drawings

[2x3P MOD II BREAK AWAY HDR,SMD, BLISTER](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1241050-3_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1241050-3_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1241050-3_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 Interconnection System](#)

[AMPMODU Interconnection System](#)

English