1-1241050-0 ✔ ACTIVE

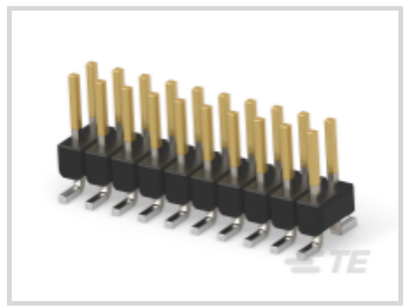
AMPMODU | AMPMODU Headers

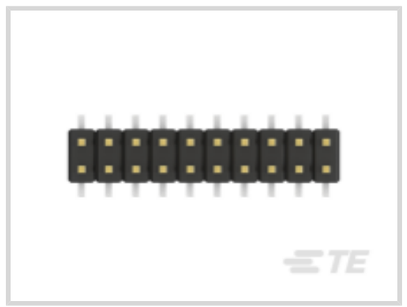
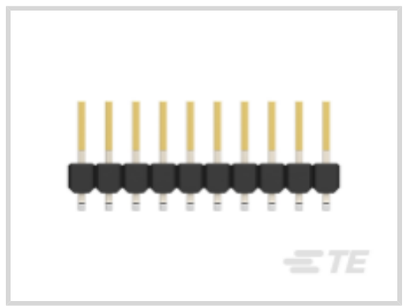
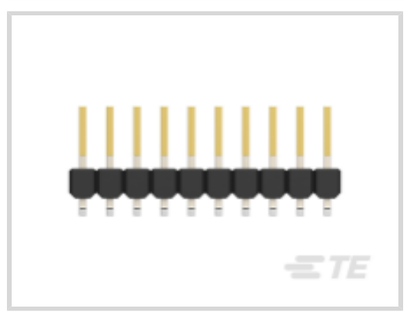
TE Internal #: 1-1241050-0

PCB Mount Header, Vertical, Board-to-Board, 20 Position, 2.54 mm [.1 in] Centerline, Breakaway, Gold (Au), Surface Mount, Signal, AMPMODU Headers

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **20**

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	20
Number of Rows	2
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3 µm
Contact Shape & Form	Square
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 °C[-85 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	350
Packaging Method	Reel

Product Compliance

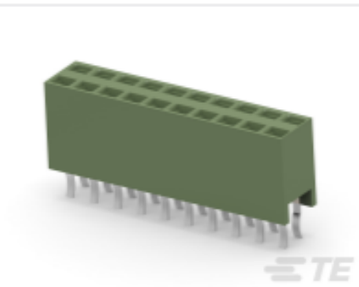
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

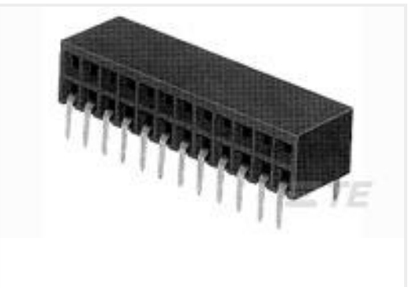
Compatible Parts



TE Part # 1-215309-0
2X10P HV100 REC CON. TE, 8.5MM



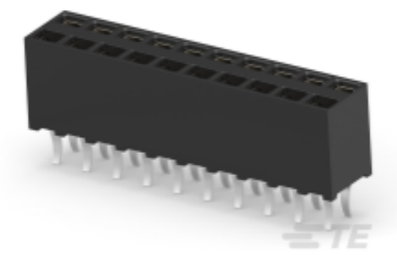
TE Part # 1-829264-0
2X10P HV100 REC.CON.B/TE,6.2MM, NO KINK



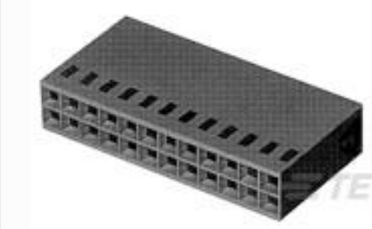
TE Part # 1-216604-0
2X10P HV190FEDERLEI



TE Part # 1-969973-0
2x10P HV100 REC. CON, SMD, GOLD, BLISTER



TE Part # 1-215307-0
2X10P HV100 REC CON. TE, 7.0MM



TE Part # 1-925367-0
MOD 4 REC.HSG 2X10P

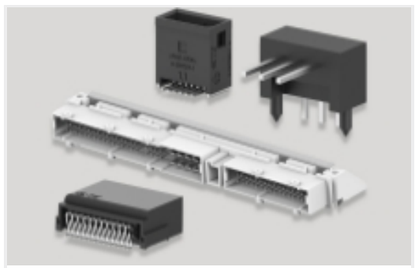
Also in the Series | AMPMODU Headers



Automotive Headers(3)



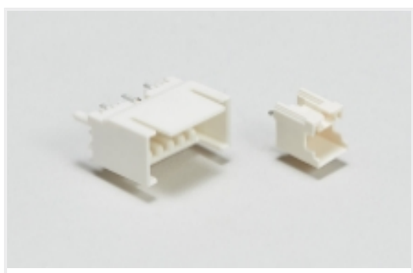
Automotive Signal & Power Headers(3)



PCB Headers & Receptacles(1173)



Rectangular Power Connectors(25)



Wire-to-Board Headers & Receptacles (78)

Customers Also Bought



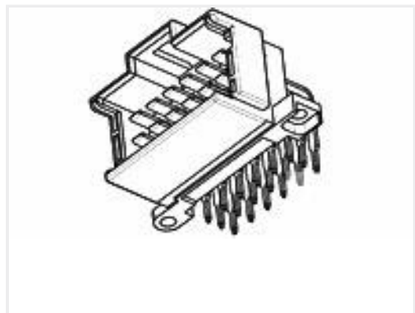
TE Part #DTP10-4P
HDR, 4P, BLK, ST, SN/NI/CU



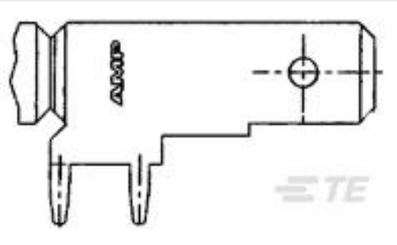
TE Part #CAT-D799-H342
DEUTSCH DRC Headers



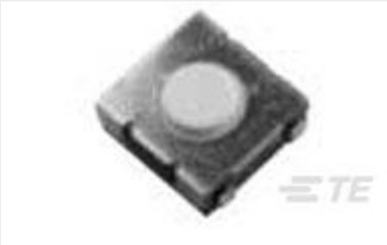
TE Part #178303-3
6-P POST HDR HORZ D-3100D PdNI & Au .76



TE Part #9-966140-6
MESSERLEISTE 21P



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



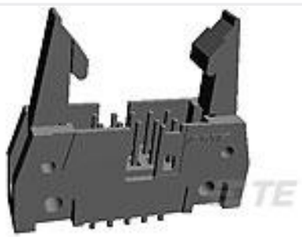
TE Part #1571636-4
TACT,SMT,GULL WING,100GF,T&R



TE Part #6-1879223-6
CPF 0603 1K21 0.1% 25PPM 1K RL



TE Part #2-1879338-9
CPF 0603 52K3 1% 50PPM 1K RL



TE Part #5499160-1
A/L UNIV HDR 10P VERT SHT LAT

Documents

Product Drawings

2x10P MOD II BREAK AWAY HDR,SMD, BLISTER

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1241050-0_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1241050-0_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1241050-0_B.3d_stp.zip

English

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