1-826634-0 ✔ ACTIVE

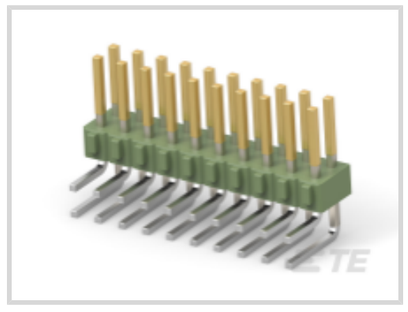
AMPMODU | AMPMODU Headers

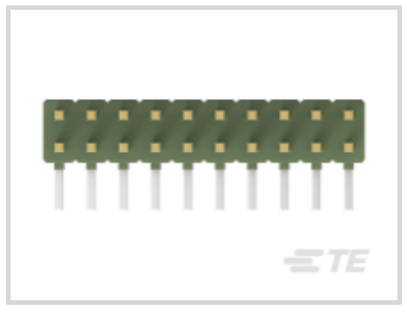
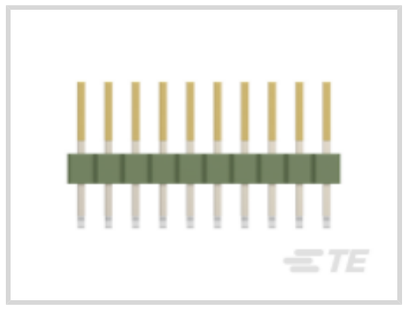
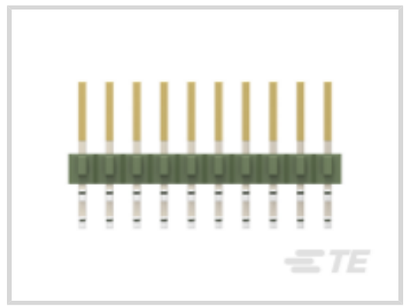
TE Internal #: 1-826634-0

PCB Mount Header, Right Angle, Board-to-Board, 20 Position, 2.54 mm [.1 in] Centerline, Breakaway, AMPMODU Headers

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **20**

Number of Rows: **2**

Features

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Electrical Characteristics

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 Vrms

Packaging Features

Packaging Quantity	250
Packaging Method	Carton

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Termination Features

Termination Post & Tail Length	3.2 mm[.126 in]
Square Termination Post & Tail Dimension	.63 mm[.025 in]

Termination Method to PCB	Through Hole - Solder

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.8 µm[31.5 µin]
Mating Square Post Dimension	.63 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3 µm
Contact Shape & Form	Square
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Type	Pin
Contact Current Rating (Max)	5 A

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.54 mm[.1 in]

Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Perpendicular
PCB Mount Orientation	Right Angle
Number of Positions	20
Number of Rows	2

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

Body Features

Primary Product Color	Green

Mechanical Attachment

PCB Mount Retention	Without
PCB Mount Alignment	Without

Connector Mounting Type	Board Mount
Mating Alignment	Without

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

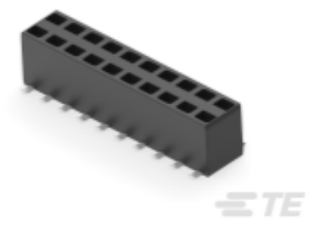
For compliance documentation, visit the product page on TE.com>

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	Wave solder capable to 265°C

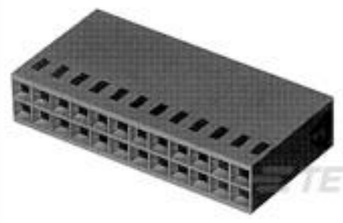
Product Compliance Disclaimer

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

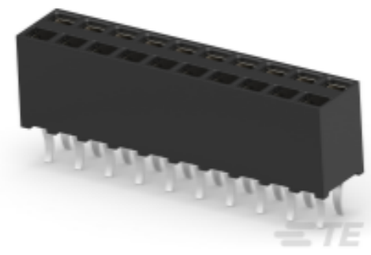
Compatible Parts



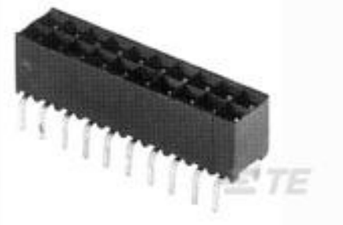
TE Part # 1-969973-0
2x10P HV100 REC. CON, SMD, GOLD, BLISTER



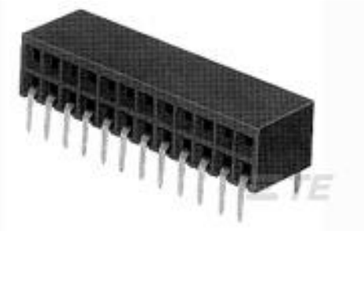
TE Part # 1-925367-0
MOD 4 REC.HSG 2X10P



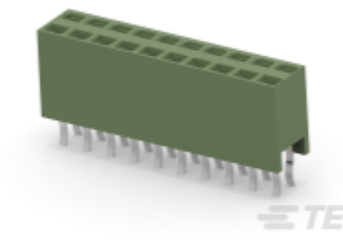
TE Part # 1-215307-0
2X10P HV100 REC CON. TE, 7.0MM



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



TE Part # 1-216604-0
2X10P HV190FEDERLEI

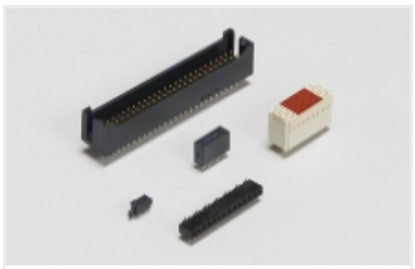


TE Part # 1-215309-0
2X10P HV100 REC CON. TE, 8.5MM

Also in the Series | AMPMODU Headers



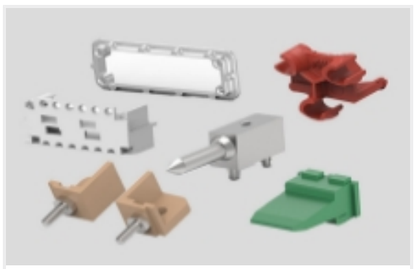
Automotive Headers(3)



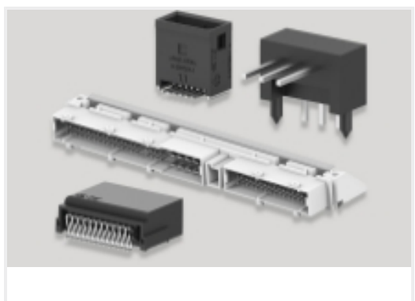
Board-to-Board Headers & Receptacles(1571)



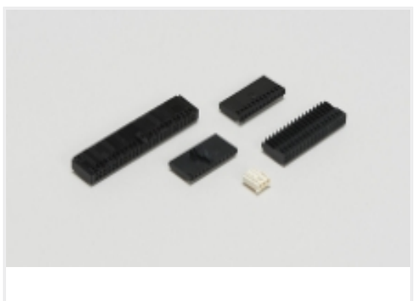
Connector Contacts(52)



Connector Hardware(1)



PCB Headers & Receptacles(1618)



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



Wire-to-Board Headers & Receptacles (116)

Customers Also Bought



TE Part #1534238-1
MESSERLEISTE 21P



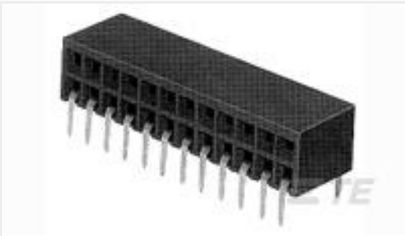
TE Part #640457-2
02P MTA100 HDR ASSY SQ R/A F/L



TE Part #6-1462037-7
IM46GR=IM RELAY 100mW 12V BIS



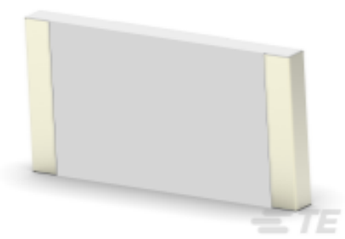
TE Part #1-2176117-0
TLR 1206 1.0W R009 1% 50PPM 2K RL



TE Part #1-216604-0
2X10P HV190FEDERLEI



TE Part #1-1337452-0
BNC Ins BHSkt 50Ohm Nickel Gol



TE Part #4-2176246-9
CRGS2512 5% 10K



TE Part #2-2329328-0
PB OFF/ON HC BLU M4 TERM. IP68



TE Part #1337815-2
50 OHM COAX SMB STR PLUG STR P

TE Part #CH5298-000
PP000009

Documents

Product Drawings

MOD2 PIN HEADER 10P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-826634-0_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-826634-0_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-826634-0_N.3d_stp.zip

English

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Agency Approvals

UL Report

English