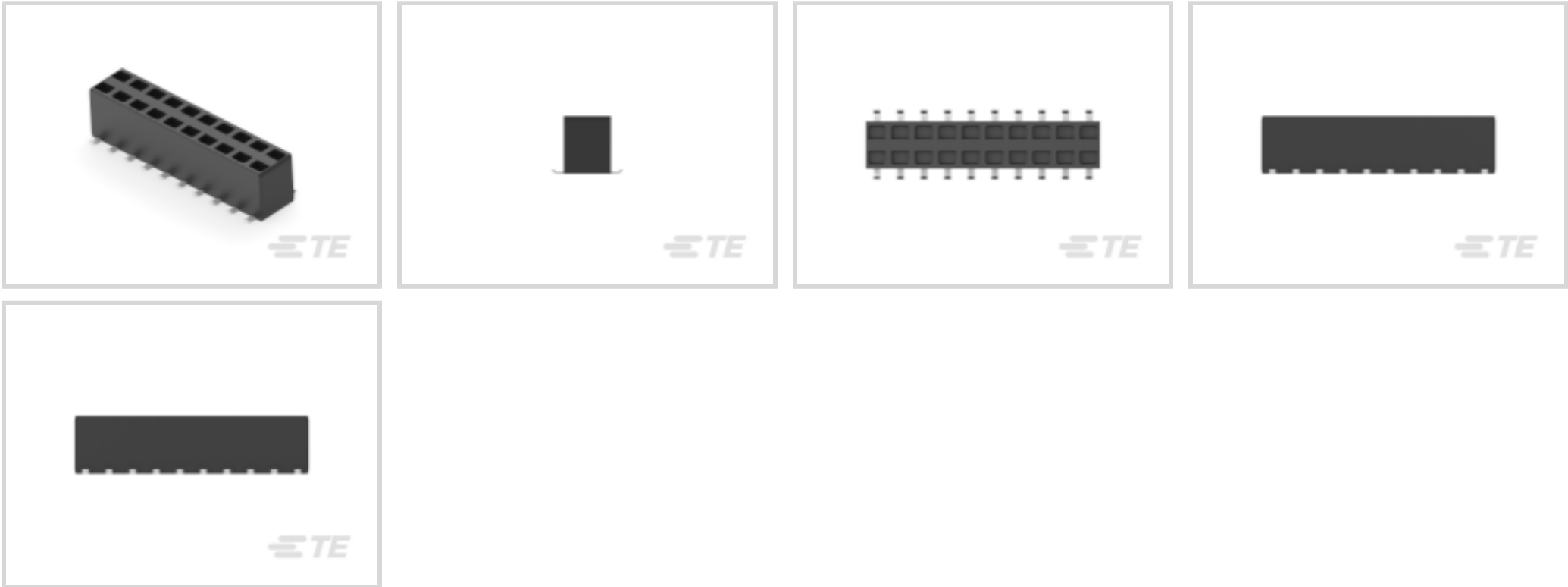




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **20**

Number of Rows: **2**

Features

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	9 mm[.354 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	6.2 mm[.244 in]

Packaging Features

Packaging Quantity	600
Packaging Method	Tube

Body Features

Connector Profile	Standard
Primary Product Color	Black

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal



Termination Features

Rectangular Termination Post & Tail Width	.7 mm[.027 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Method to PCB	Surface Mount

Contact Features

Mating Pin Diameter	.63 mm[.025 in]
Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Layout	Inline
Contact Protection Type	Closed Entry Housing
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Type	Socket
Contact Current Rating (Max)	3 A

Housing Features

Mating Entry Location	Bottom & Top
Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	2.54 mm[.1 in]

Configuration Features

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

Product Type Features

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

Mechanical Attachment

PCB Mount Retention	Without
PCB Mount Alignment	Without



Connector Mounting Type	Board Mount
Mating Alignment	Without

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Industry Standards

UL Flammability Rating	UL 94V-0
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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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 1-215447-0
2X10P MOD2 STIFTLEI



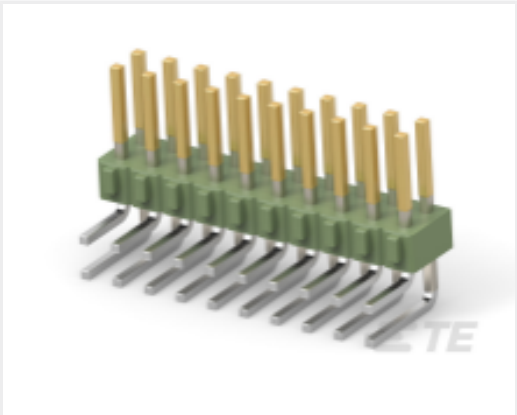
TE Part # 1-966645-0
2x10P HV100 REC.CON, SMD, GOLD, TUBE PACK



TE Part # 1-826662-0
10P AMPMODU II STIFTLEI



TE Part # 1-1241050-0
2x10P MOD II BREAK AWAY HDR, SMD, BLISTER



TE Part # 1-826634-0
MOD2 PIN HEADER 10P



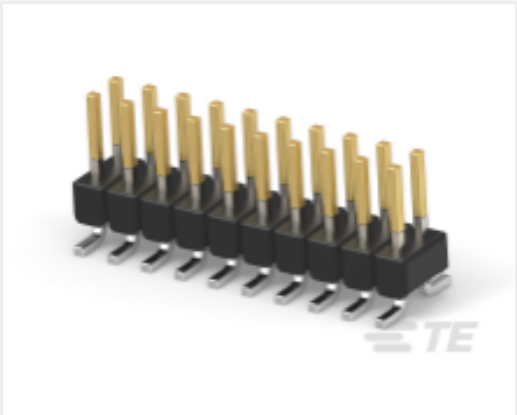
TE Part # 1-826656-0
10P AMPMODU II STIFT LEI



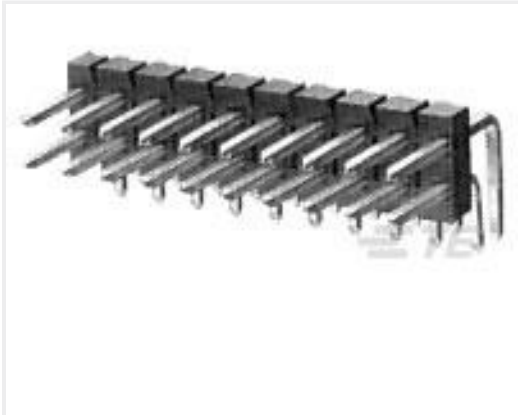
TE Part # 1-829394-0
2X10P MOD II UNSHRD HDR, ST, 0.8 AU



TE Part # 1-826658-0
2X10 POS AMPMODU II PIN HEADER



TE Part # 1-966709-0
2X10P MODU II BREAK AWAY HEADER, SMD



TE Part # 1-826664-0
10P MOD2 STIFT LEI

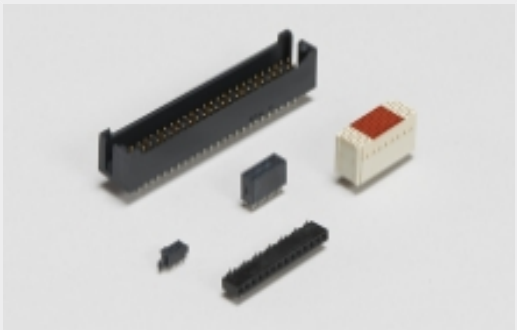


TE Part # 1-966269-0
2x10P MOD II BREAK AWAY HDR, SMD, TUBE PKG

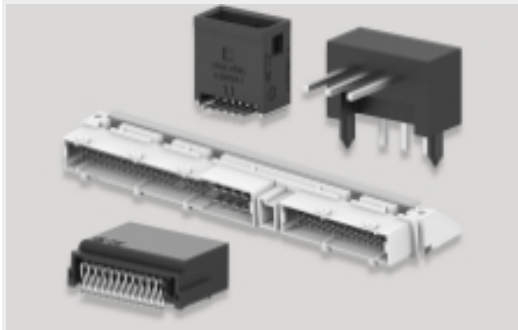


TE Part # 1-826632-0
10P AMPMODU II PIN HDR.

Also in the Series | **AMPMODU HV-100/HV-190**



Board-to-Board Headers & Receptacles(321)



PCB Headers & Receptacles(321)

Customers Also Bought



TE Part #1623776-9
MPC5 200R 5%



TE Part #2-2176158-1
TLM 2512 1.0W R020 1% 50PPM 4K RL



TE Part #2-1879222-9
CPF 0603 37R4 0.1% 25PPM 1K RL



TE Part #5-1614890-5
CPF 0805 22R1 0.1% 25PPM 1K RL



TE Part #1624157-2
23E 220KB 6.35X50FL B7 CAT

TE Part #1879650-2
H4P 140K 0.5% 100PPM

TE Part #6-2176422-5
TLRP 2512 3.0W R040 1% 50PPM 4K RL

TE Part #1544550-1
MODULE AUTOFUSIBLE

TE Part #1-1437140-6
FSN-21A-7=NOMEX FS STD

TE Part #167049-E
IDCCS SMC 1,27 12 * AU AUI 50 PVC

Documents

Product Drawings

2x10P HV100 REC. CON, SMD, GOLD, BLISTER

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-969973-0_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-969973-0_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-969973-0_E.3d_stp.zip

English

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