1-969973-0 ✔ ACTIVE

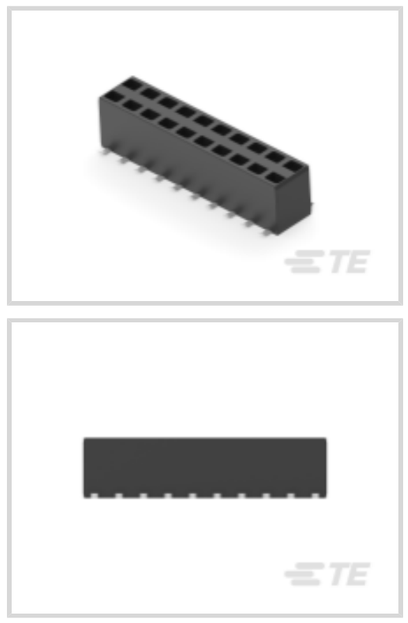
AMPMODU | AMPMODU HV-100/HV-190

TE Internal #: 1-969973-0

PCB Mount Receptacle, Vertical, Board-to-Board, 20 Position, 2.54 mm [.1 in] Centerline, Gold Flash over Palladium Nickel, AMPMODU HV-100/HV-190

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Configuration Features

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

Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features

Mating Pin Diameter	.63 mm[.025 in]
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 Thickness	.762 µm[30 µin]
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
Contact Type	Socket
Contact Current Rating (Max)	3 A

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

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

Solder Process Feature	Board Standoff

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	600
Packaging Method	Tube

Product Compliance

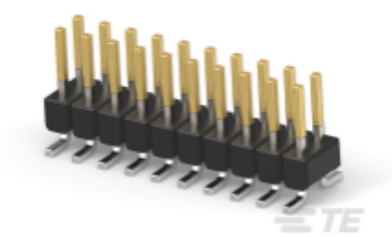
For compliance documentation, visit the product page on TE.com>

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	Low Halogen - Br, Cl, F < 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 # 1-966709-0
2X10P MODUII BREAK AWAY HEADER, SMD



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



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



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



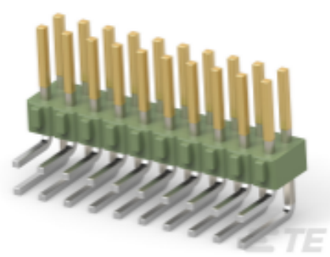
TE Part # 1-826658-0
2X10 POS AMPMODU II PIN HEADER



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



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



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



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

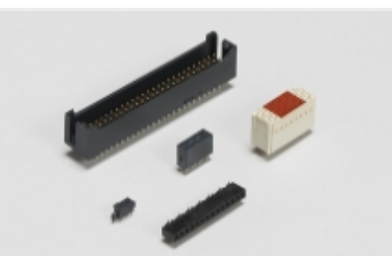


TE Part # 1-966645-0
2x10P HV100 REC.CON, SMD, GOLD, TUBE PACK

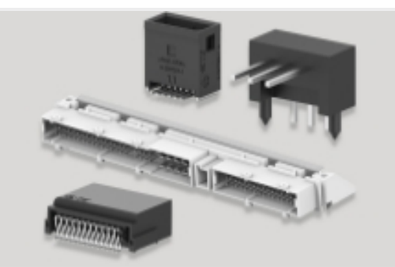


TE Part # 1-826662-0
10P AMPMODU II STIFTLEI

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



Board-to-Board Headers & Receptacles(152)



PCB Headers & Receptacles(152)

Customers Also Bought



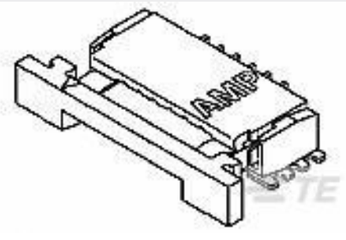
TE Part #BSA085N00420235000
923 PLUG



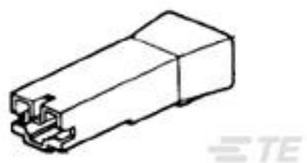
TE Part #CAT-P97-F2090
Very High Performance, FN2090, Multi stage AC/DC EMC/RFI Filter with Excellent Attenuation Performance



TE Part #235171-E
M12 MALE, A CODE, RA, 4P THR REAR MOUNT



TE Part #1-84952-0
1MM FPC HORZ.BTTM CONT.ASS.10P



TE Part #177627-1
PL .250 (6.3 MM) HOUSING RECEPTACLE



TE Part #292336-1
Std USB Type A, Flag, T/H



TE Part #5-1415053-1
SR4M4005



TE Part #1776295-3
TSB23003DSHT=EUROPA TM BLK, 8MM

TE Part #114021-E
ERMB 125 FS 1 EED9 * 3,70 A-E V-V * * 24

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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