1-829264-3 ✔ ACTIVE

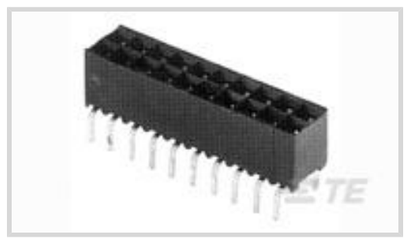
AMPMODU | AMPMODU HV-100/HV-190

TE Internal #: 1-829264-3

PCB Mount Receptacle, Vertical, Board-to-Board, 13 Position, 2.54 mm [.1 in] Centerline, Gold (Au), Through Hole - Solder, AMPMODU HV-100/HV-190

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **13**

Number of Rows: **2**

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

Board-to-Board Configuration	Parallel
Stackable	No
PCB Mount Orientation	Vertical
Number of Positions	13
Number of Rows	2

Body Features

Connector Profile	Standard
Primary Product Color	Green

Contact Features

Mating Pin Diameter	.64 mm[.025 in]
Contact Mating Area Plating Material Thickness	.762 µm[30 µin]
Mating Square Post Dimension	.64 mm[.025 in]

PCB Contact Termination Area Plating Material Thickness	3 µm
Contact Protection Type	Closed Entry Housing
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
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 Post & Tail Length	3.05 mm[.12 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

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

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	10.62 mm[.418 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	6.2 mm[.244 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	53
Packaging Method	Tray

Product Compliance

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

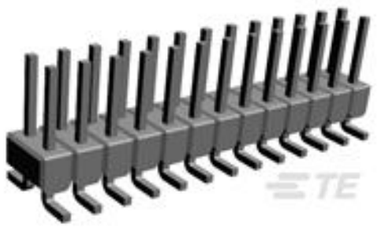
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 1-826632-3
AMPMODU II PIN HEADER 13P

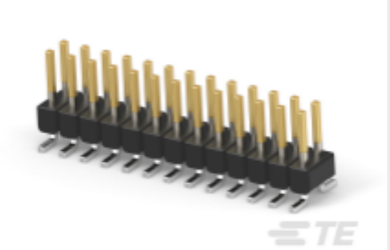


TE Part # 1-1241050-3
2x13P MOD II BREAK AWAY HDR, SMD, BLISTER

TE Part # 1-826656-3
13P AMPMODU II STIFT LEI

TE Part # 1-826658-3
AMPMODU II PIN HEADER 2X13P

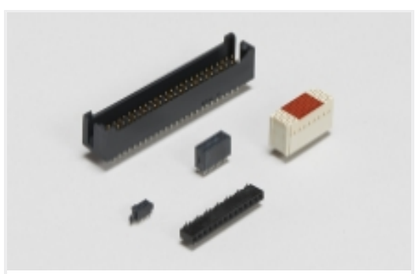
TE Part # 1-826634-3
13P MODU 2 PIN HDR.



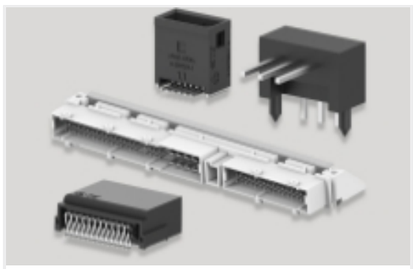
TE Part # 1-966709-3
2X13P MODUII BREAK AWAY HEADER, SMD

TE Part # 1-826662-3
13P AMPMODU II STIFT LEI

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



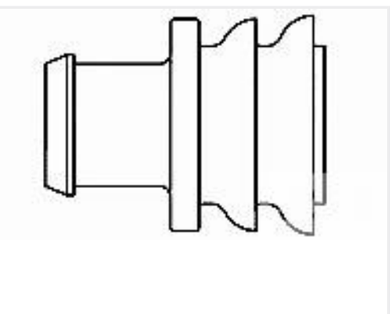
Board-to-Board Headers & Receptacles(321)



PCB Headers & Receptacles(321)

Customers Also Bought

TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts

TE Part #DT04-2P
REC, 2P, GRY, N

TE Part #DT06-2S
PLG, 2P, GRY, N

TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT

Documents

Product Drawings

2X13P HV100 REC.CON.B/TE,6.2MM,NO KINK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-829264-3_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-829264-3_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-829264-3_E.3d_stp.zip

English

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