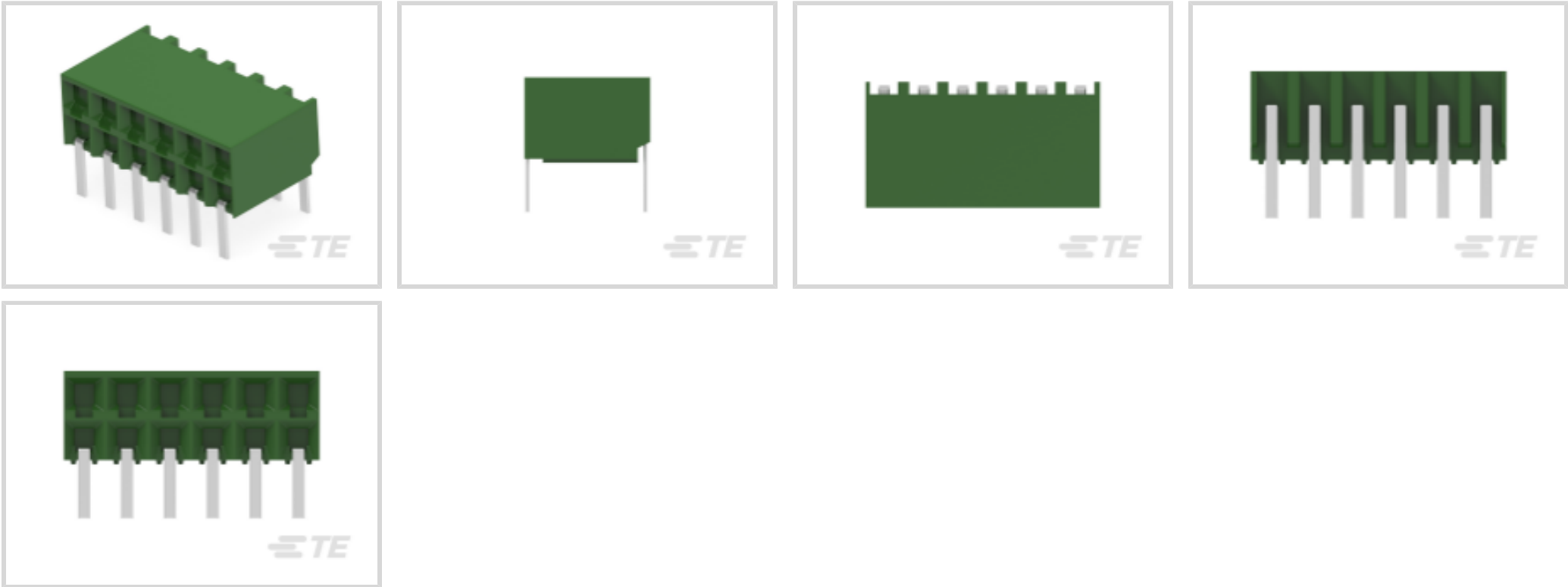




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **12**

Number of Rows: **2**

Features

Product Type Features

Connector Shape	Rectangular
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
PCB Mount Orientation	Right Angle
Number of Positions	12
Number of Rows	2

Body Features

Connector Profile	Standard
Primary Product Color	Green



Contact Features

Contact Underplating Material	Nickel
Mating Pin Diameter	.63 mm[.024 in]
Contact Underplating Material Thickness	1.3 μm[50 μin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Mating Square Post Dimension	.63 mm[.024 in]
PCB Contact Termination Area Plating Material Thickness	3 – 5 μm[118.11 – 196.85 μin]
Contact Shape & Form	Square
Contact Layout	Matrix
Contact Protection Type	Closed Entry Housing
Contact Base Material	Phosphor Bronze
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	.69 mm[.027 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Post & Tail Length	3.2 mm[.126 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	Side
Housing Material	Polyester GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	7.62 mm[.3 in]
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PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	5.8 mm[.228 in]
Connector Length	15.24 mm[.6 in]

Usage Conditions

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

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	140
Packaging Method	Box

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 # 826634-6
MODU HEADER



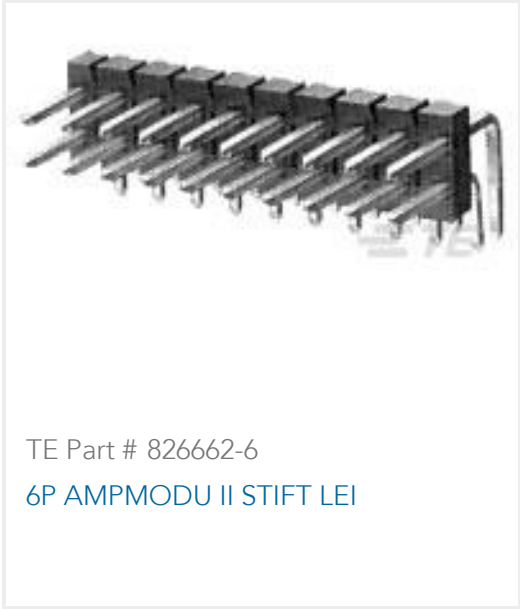
TE Part # 826658-6
6P AMPMODU II STIFT LEI



TE Part # 826632-6
6P AMPMODU II PIN HDR



TE Part # 966709-6
2X6P MODU II BREAK AWAY HEADER, SMD



TE Part # 826662-6
6P AMPMODU II STIFT LEI

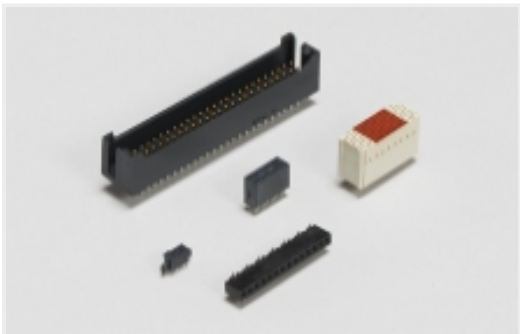


TE Part # 1241050-6
2x6P MOD II BREAK AWAY HDR,SMD, BLISTER

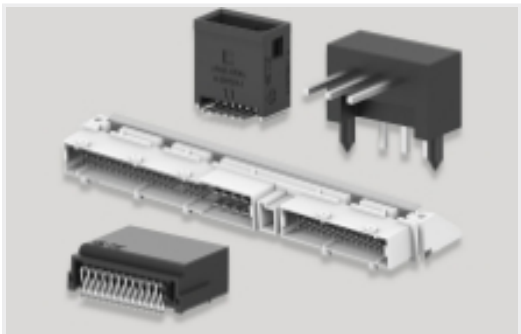


TE Part # 826656-6
6P AMPMODU II STIFT LEI

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



Board-to-Board Headers & Receptacles(321)



PCB Headers & Receptacles(321)

Customers Also Bought



TE Part #2013504-1
ME CONN MOLD TYPE JACK CAP



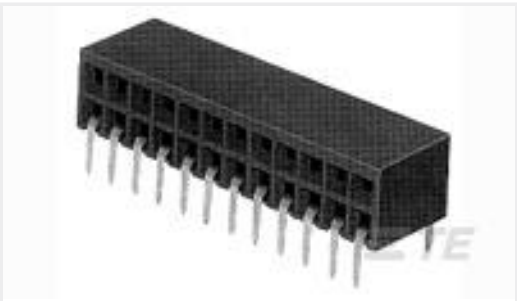
TE Part #5084616-1
0.8FH,R13H.5,040,08/Sn,TR,SC



TE Part #1955491-1
MJ,RJ45,SMT,SHLD,THRU HOLE SHIELD TABS



TE Part #5536397-5
ASSY,RECEPT,EURO,TYPE C/2,LEAD



TE Part #216604-7
[2X 7P HV190FEDERLEI](#)



TE Part #2-1416010-4
[RE034006](#)



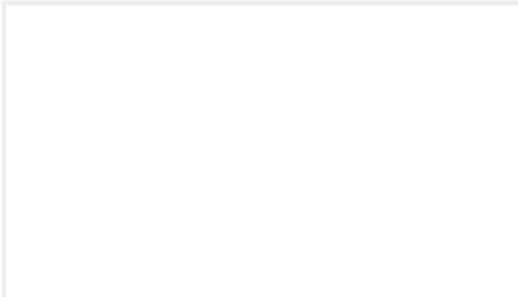
TE Part #5-2232516-1
[SCSI .050 REC ASS'Y 50P PB-FREE](#)



TE Part #1-2271451-4
[14 PIN BTB CONNECTOR, PIN HDR ASSEMBLY](#)



TE Part #440055-8
[2.0MM,HDR,8POS,R/A](#)



TE Part #2271302-1
[AMPMODU, PIN, 2.0P, RA, TH, 30P, 3U' AU](#)

Documents

Product Drawings

[2X 6P HV190FEDERLEI](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_216604-6_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_216604-6_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_216604-6_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1773393_ AMPMODU_EUROPEAN_STANDARD_PRODUCTS](#)

English