



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: **6**

Number of Rows: **1**

Features

Operation/Application

Solder Process Feature	Board Standoff
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Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	8.5 mm[.335 in]

Packaging Features

Packaging Quantity	120
Packaging Method	Carton

Body Features

Connector Profile	Standard
Primary Product Color	Black

Mechanical Attachment

PCB Mount Retention Type	Retention Solder Tails
PCB Mount Retention	With



Connector Mounting Type	Board Mount
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Termination Features

Rectangular Termination Post & Tail Width	.69 mm[.027 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Post & Tail Length	3.1 mm[.122 in]
Termination Method to PCB	Through Hole - Solder

Contact Features

Mating Pin Diameter	.63 mm[.024 in] 30 µin
Mating Square Post Dimension	.63 mm[.024 in]
PCB Contact Termination Area Plating Material Thickness	2.4 – 4 µm[94.488 – 157.48 µin]
Contact Shape & Form	Square
Contact Layout	Inline
Contact Protection Type	Closed Entry Housing
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Type	Socket
Contact Current Rating (Max)	3 A

Housing Features

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

Configuration Features

Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	6
Number of Rows	1

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded



Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-67 – 221 °F][-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	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



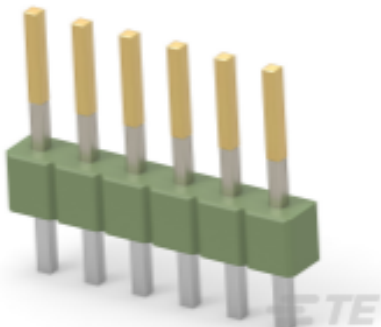
TE Part # 966710-6
MODU II PIN HEADER, SGL ROW,
SMD- 6 POS



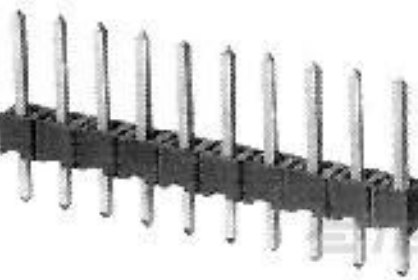
TE Part # 966306-6
MOD2 ST-LEI SMD 6P



TE Part # 826631-6
6P AMPMODU II STIFT LEI



TE Part # 826629-6
06P AMPMODU II PIN HDR.



TE Part # 826646-6
6P AMPMODU II STIFT LEI



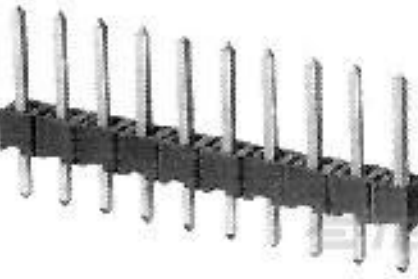
TE Part # 826652-6
6P AMPMODU II STIFT LEI



TE Part # 826653-6
6P AMPMODU II STIFT LEI

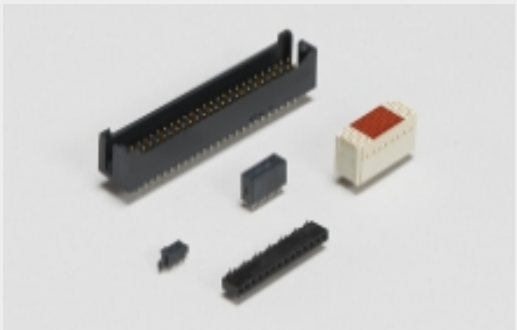


TE Part # 1241150-6
6P MOD II BREAK AWAY HDR , SMD,
BLISTER

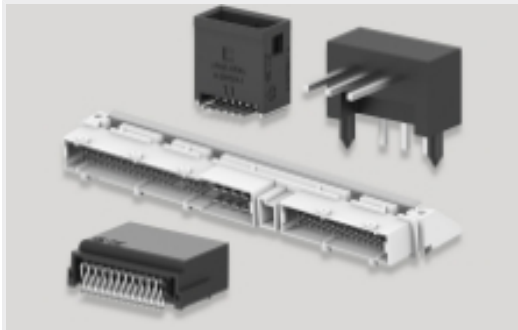


TE Part # 826648-6
6P AMPMODU II STIFT LEI

Also in the Series | [AMPMODU HV-100/HV-190](#)

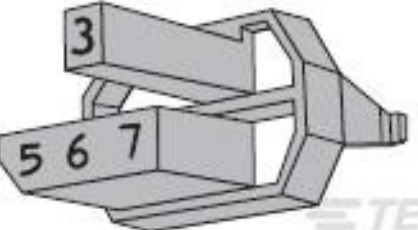


Board-to-Board Headers &
Receptacles(321)

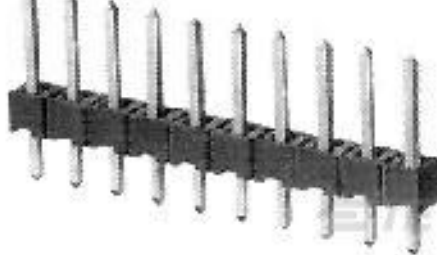


PCB Headers & Receptacles(321)

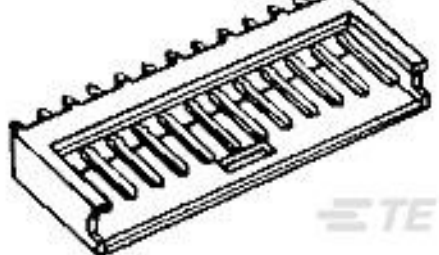
Customers Also Bought



TE Part #100526-9
Z-PACK F.CODING KEY



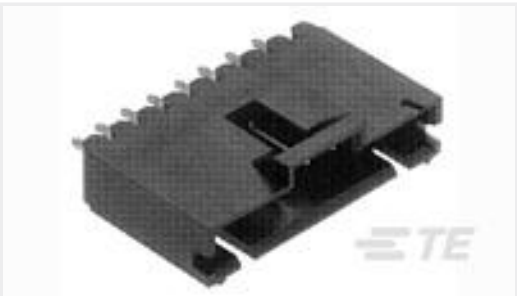
TE Part #826629-3
3P AMPMODU II



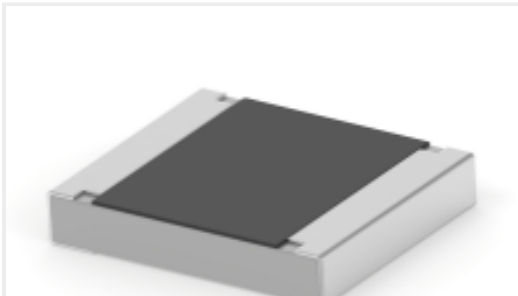
TE Part #280371-2
4P AMPMODU II SHRD HDR, ST, 0.38
AU



TE Part #66100-8
III+ SKT,18-16,15AU/FL,STRIP
AU



TE Part #103639-1
[02 MTE HDR SRST LATCH .100CL](#)



TE Part #2176346-6
[CRGCQ 1210 6R8 5%](#)



TE Part #CAT-T4827-CH8172
[Timer Connector Housing](#)



TE Part #735222-1
[FF 250 REC 1.0-2.5 MM2 0.32X19.30 BR](#)



TE Part #1-1393793-6
[V23105A5501A201](#)

Documents

Product Drawings

[6P HV100 REC CON. TE, 8.5MM](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_215299-6_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_215299-6_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_215299-6_F.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English