



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: **16**

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	7 mm[.276 in]

Packaging Features

Packaging Quantity	40
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



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	3 – 5 μm[118.11 – 196.85 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	16
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
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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

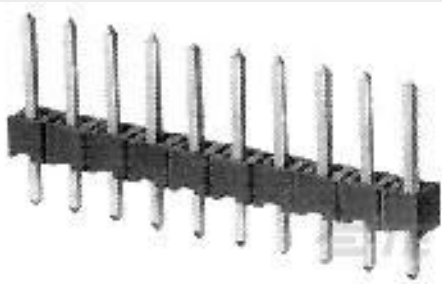
For compliance documentation, visit the product page on TE.com>

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>

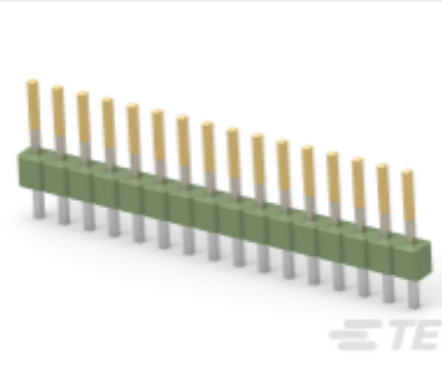
Compatible Parts



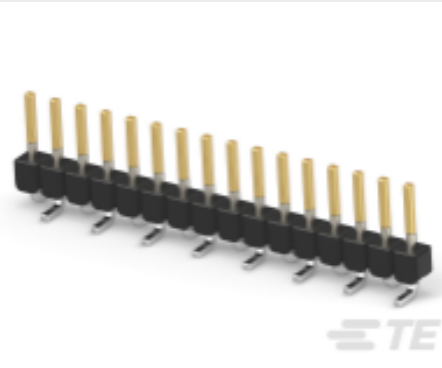
TE Part # 1-826648-6
16P AMPMODU II STIFT LEI



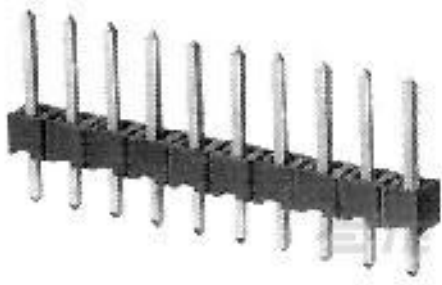
TE Part # 1-826631-6
AMPMODU II HEADER



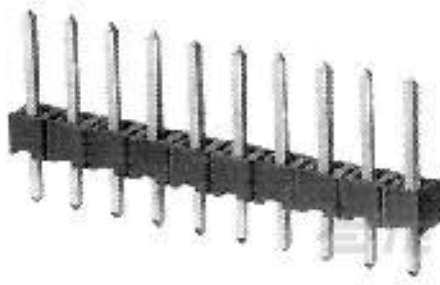
TE Part # 1-826629-6
16X1 AMPMODU II HDR ST



TE Part # 1-966710-6
MODU II PIN HEADER, SGL ROW, SMD- 16 POS

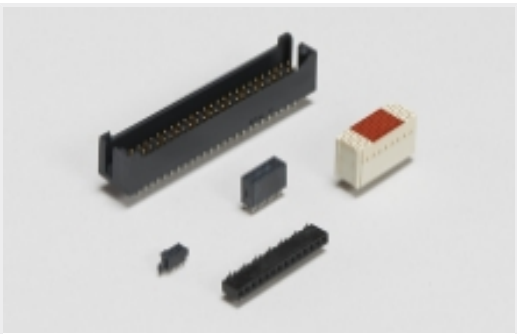


TE Part # 1-826647-6
16P AMPMODU II STIFT LEI

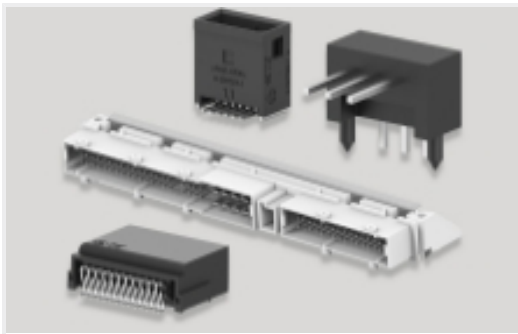


TE Part # 1-826646-6
16P AMPMODU II STIFT LEI

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

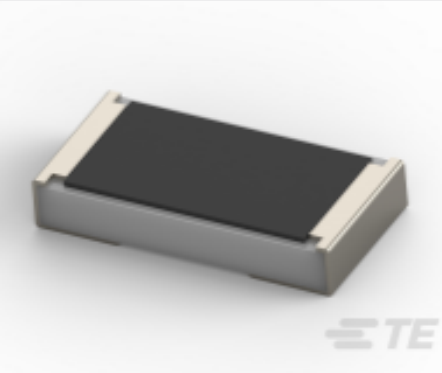


Board-to-Board Headers & Receptacles(321)



PCB Headers & Receptacles(321)

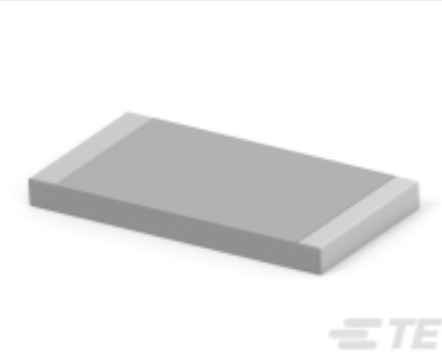
Customers Also Bought



TE Part #CAT-C339-A76B
SMD Power Resistor: 3 Watt, 1% Tol



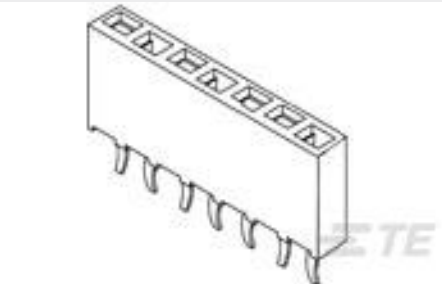
TE Part #9-1614884-7
CPF 0805 51K 0.1% 25PPM 1K RL



TE Part #6-2176331-0
CRGP 2512 820K 1%



TE Part #1-1623927-2
CFR16 5% 150K



TE Part #1-215297-4
14P HV100 REC CON. TE, 7.0MM



TE Part #4-1879497-2
CRGH1206 5% 51R 0.5W



TE Part #1-1393239-2
RT114020



TE Part #1478885-3
PG EMC GLAND PG11



Documents

Product Drawings

16P HV100 REC CON. TE, 7.0MM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-215297-6_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-215297-6_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-215297-6_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

1773393_ AMPMODU_EUROPEAN_STANDARD_PRODUCTS

English

Product Specifications

Product Specification

English