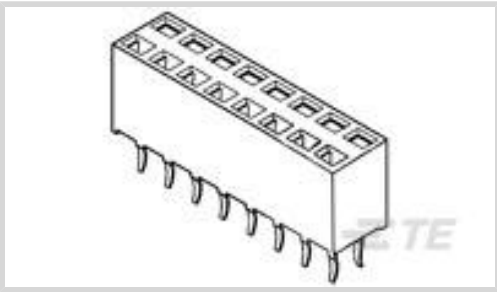




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **12**

Number of Rows: **2**

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	12
Number of Rows	2

Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features

Contact Protection Type	Closed Entry Housing
Mating Square Post Dimension	.63 mm[.024 in]
PCB Contact Termination Area Plating Material Thickness	2.5 µm[98.425 µin]
Contact Layout	Matrix



Mating Pin Diameter	.63 mm[.024 in]
Contact Underplating Material Thickness	1.3 μm[50 μin]
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

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

Mechanical Attachment

PCB Mount Retention Type	Kinked Solder Tails
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Connector Height	7 mm[.276 in]
Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C, -55 – 105 °C[-85 – 257 °F][-67 – 221 °F]
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Operation/Application

Solder Process Feature	Board Standoff
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Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0

Packaging Features	
Packaging Quantity	120
Packaging Method	Carton

Product Compliance

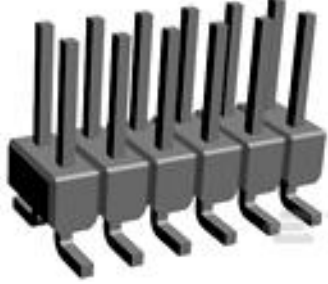
For compliance documentation, visit the product page on TE.com>

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



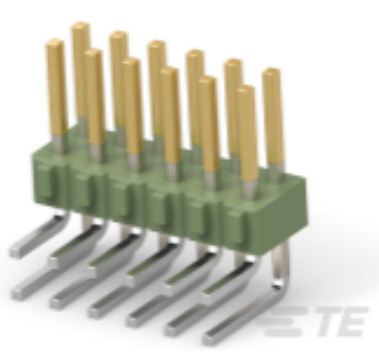
TE Part # 1241050-6
2x6P MOD II BREAK AWAY HDR,SMD, BLISTER



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



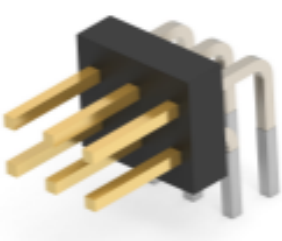
TE Part # 5-147279-1
06 MODII HDR DR SFMT B/A T&R LF



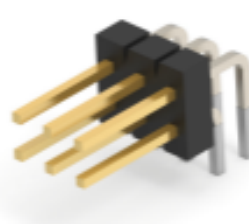
TE Part # 826634-6
MODU HEADER



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



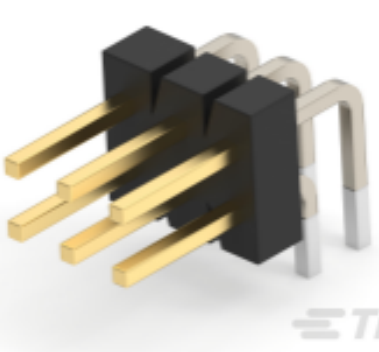
TE Part # 5-103326-3
06 MODII HDR DRRA B/A .100CL



TE Part # 5-102975-3
06 MODII HDR DRRA B/A .100CL



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



TE Part # 5-103801-3
06 MODII HDR DRRA B/A .100CL



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

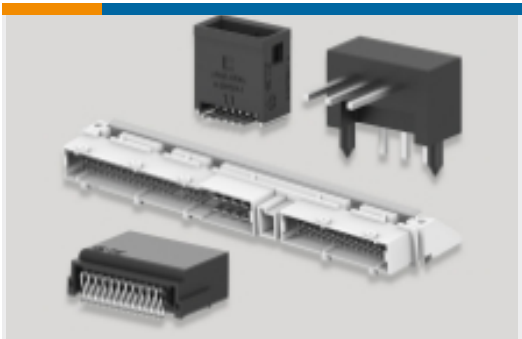


TE Part # 966709-6
2X6P MODU II BREAK AWAY HEADER, SMD



TE Part # 215447-6
BREAK-AWAY

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



PCB Headers & Receptacles(333)

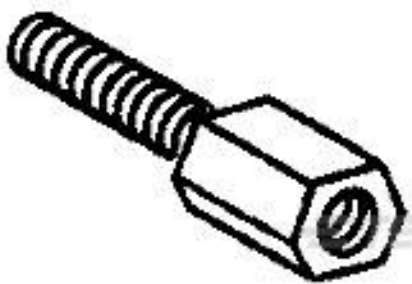
Customers Also Bought



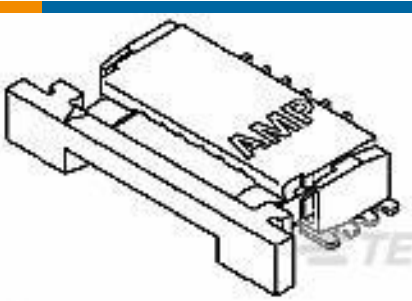
TE Part #4-1625892-9
3W SM M/OX 5% 3R3



TE Part #2-1419130-8
TSC-124L3H,000



TE Part #5207953-2
SCREWLOCK, ZN PLTD



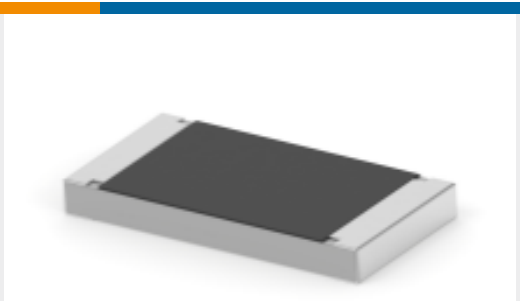
TE Part #84952-4
1MM FPC HORZ.BTTM CONT.ASS.4P



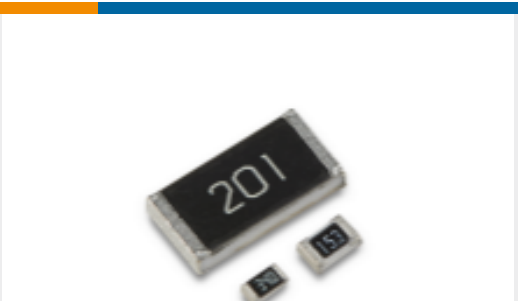
TE Part #3-1623931-8
[CFR25 5% 4K7](#)



TE Part #5-1625892-6
[3W SM M/OX 5% 4R7](#)



TE Part #2176348-4
[CRGCQ 2010 3R3 5%](#)



TE Part #5-2176330-8
[CRGP 2010 560K 1%](#)

Documents

Product Drawings

[2X6P HV100 REC CON. TE, 7.0MM](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_215307-6_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_215307-6_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_215307-6_F.3d_stp.zip](#)

English

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

Product Specifications

[Connector System HV-100](#)

German

[Product Specification](#)

German