215307-6 ✔ ACTIVE

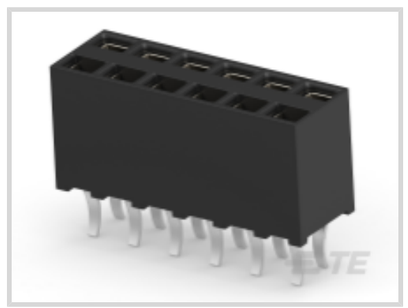
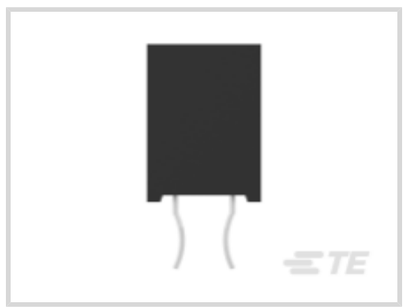
AMPMODU | AMPMODU HV-100/HV-190

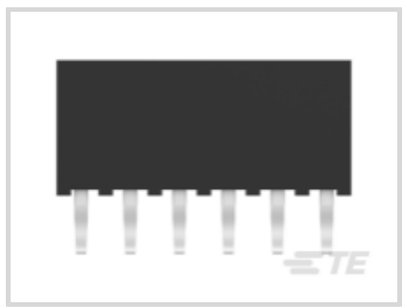
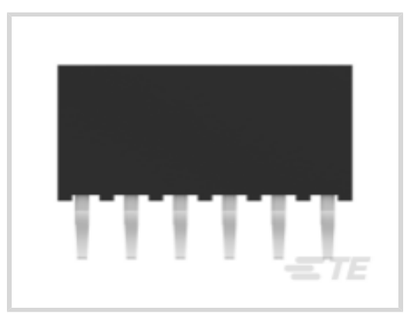
TE Internal #: 215307-6

PCB Mount Receptacle, Vertical, Board-to-Board, 12 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, AMPMODU HV-100/HV-190

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **12**

Number of Rows: **2**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

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

Configuration Features

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

Body Features

Connector Profile	Standard

Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
Mating Pin Diameter	.63 mm[.024 in]
Contact Underplating Material Thickness	1.3 µm[50 µin]
Mating Square Post Dimension	.63 mm[.024 in]
PCB Contact Termination Area Plating Material Thickness	2.5 µm[98.42 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 Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
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	3.1 mm[.122 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

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[-85 – 257 °F]

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	120
Packaging Method	Carton

Product Compliance

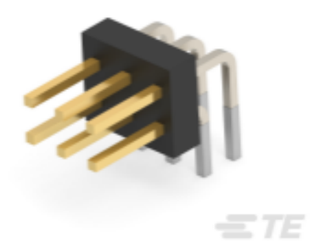
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

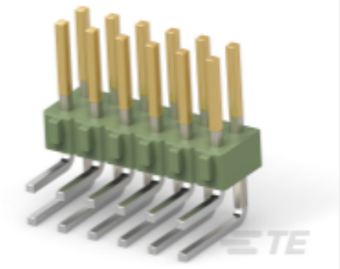
Compatible Parts



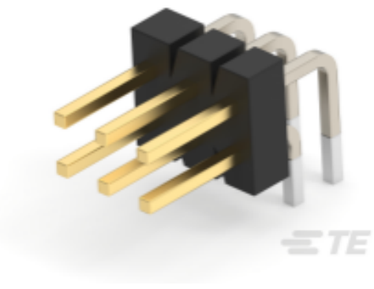
TE Part # 5-103326-3
06 MODII HDR DRRA B/A .100CL



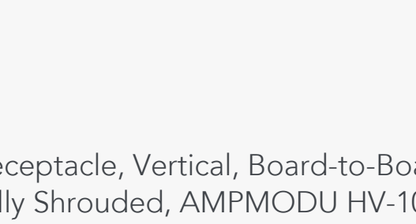
TE Part # 5-147279-1
06 MODII HDR DR SFMT B/A T&R LF



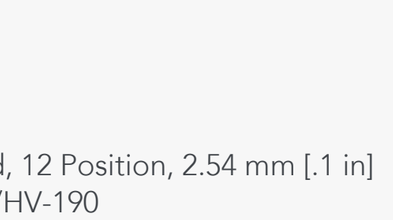
TE Part # 826634-6
MODU HEADER



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



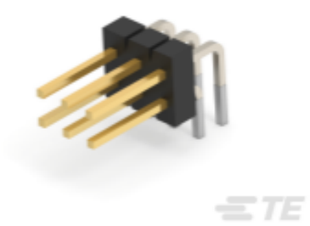
TE Part # 826658-6
6P AMPMODU II STIFT LEI



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

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

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



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

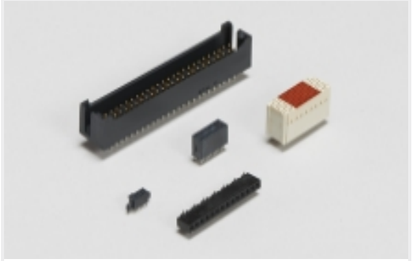


TE Part # 826656-6
6P AMPMODU II STIFT LEI

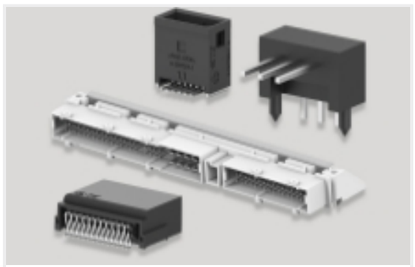


TE Part # 826662-6
6P AMPMODU II STIFT LEI

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



Board-to-Board Headers & Receptacles(152)

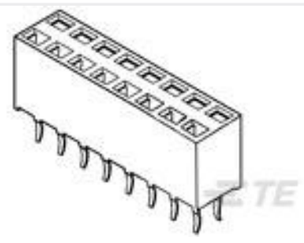


PCB Headers & Receptacles(152)

Customers Also Bought



TE Part #800634-SF
FN2080-12-06



TE Part #215307-3
2X3P HV100 REC CON. TE, 7.0MM



TE Part #9-1879208-9
CPF0402 150K 0.1% 25PPM 5K RL



TE Part #9-1879333-0
CPF0402 180K 0.1% 25PPM 5K RL



TE Part #4-2176325-7
CRGP 0402 68K 1%



TE Part #1-2176326-2
CRGP 0603 82R 1%



TE Part #1-2176337-8
CRGCQ 0402 270R 1%



TE Part #2-2176347-9
CRGCQ 2010 2K2 1%



TE Part #5555165-5
M/J, LPF, R/A, 6P/2C, TIN, BULK PKG



TE Part #1010-042-1206
SEAL, INTF, 12P, RED-ORG, DTM

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

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Product Specifications

Product Specification

English