

215307-9

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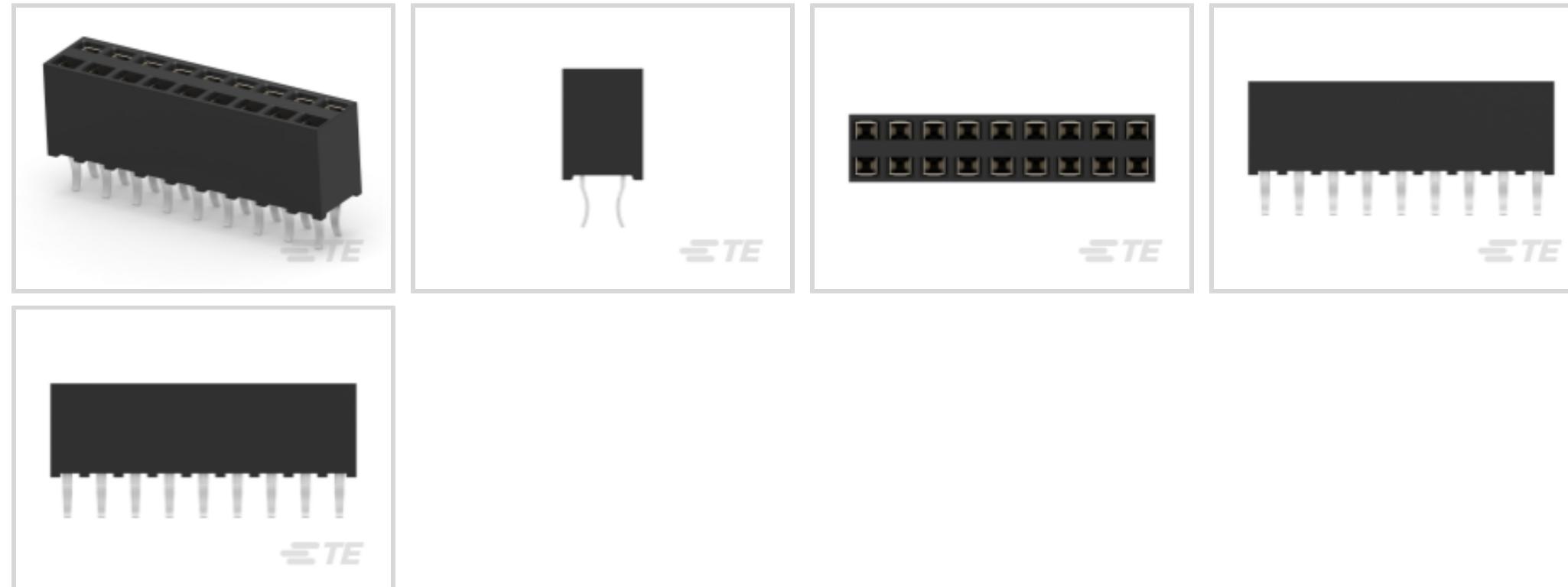
AMPMODU | AMPMODU HV-100/HV-190

TE Internal #: 215307-9

PCB Mount Receptacle, Vertical, Board-to-Board, 9 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold, AMPMODU HV-100 /HV-190

[View on TE.com >](#)

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: **9**Number of Rows: **2**

Features

Operation/Application

Solder Process Feature	Board Standoff
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Dimensions

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

Packaging Features

Packaging Quantity	80
Packaging Method	Carton

Body Features

Connector Profile	Standard
Primary Product Color	Black

Mechanical Attachment

PCB Mount Retention Type	Retention Solder Tails
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PCB Mount Retention

With

Connector Mounting Type

Board Mount

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 μ in

Mating Square Post Dimension .63 mm[.024 in]

PCB Contact Termination Area Plating Material Thickness 2.5 μ m[98.425 μ in]

Contact Shape & Form Square

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 9

Number of Rows 2

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

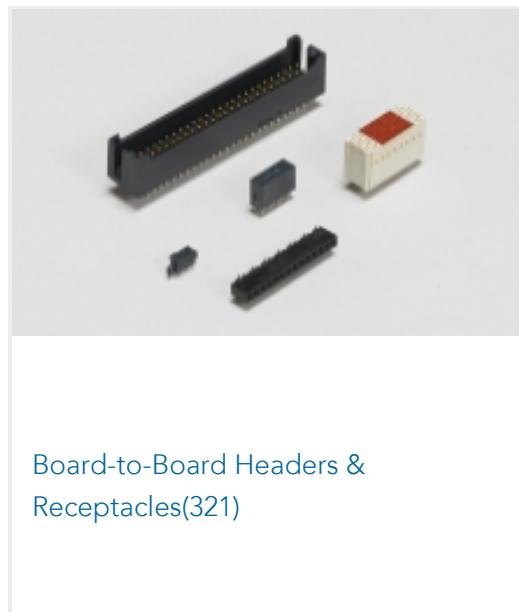
Product Compliance Disclaimer

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

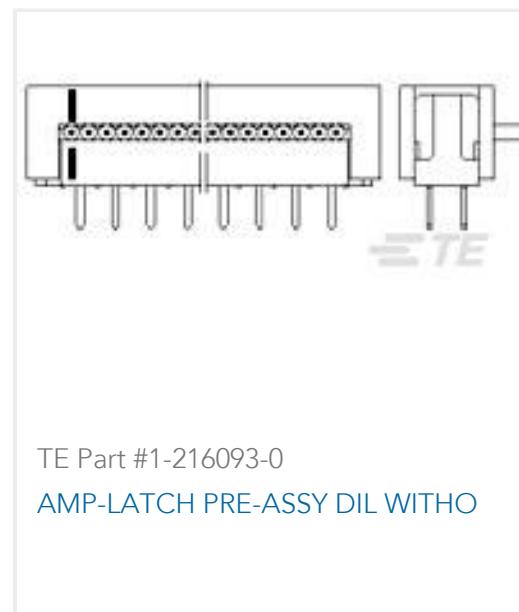
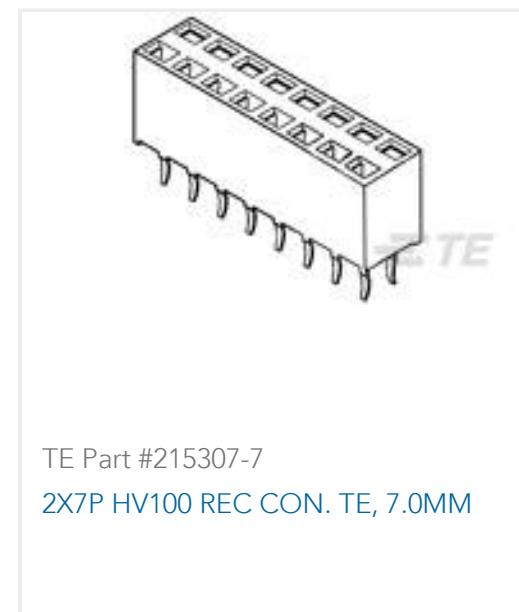
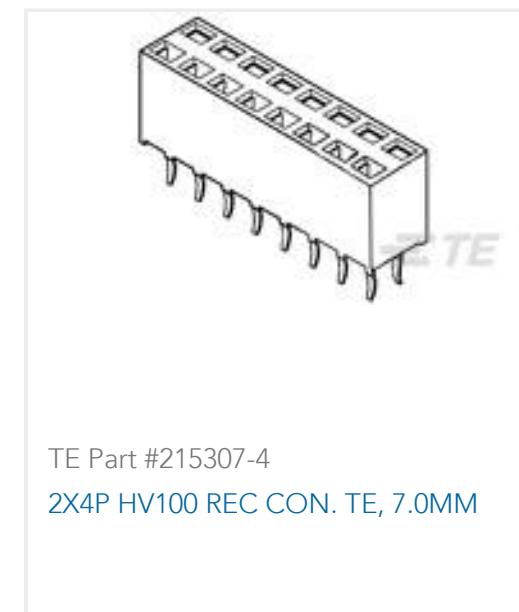
TE Part # 826656-9
9P AMPMODU II STIFT LEITE Part # 826662-9
9P AMPMODU II STIFT LEITE Part # 826632-9
9P AMPMODU II PIN HDRTE Part # 966709-9
2X9P MODU II BREAK AWAY HEADER,
SMD

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

Board-to-Board Headers &
Receptacles(321)

PCB Headers & Receptacles(321)

Customers Also Bought

TE Part #1735446-6
2MM PITCH HPI POST HEADER,
VERTICAL, 6PTE Part #1-216093-0
AMP-LATCH PRE-ASSY DIL WITHOTE Part #215307-7
2X7P HV100 REC CON. TE, 7.0MMTE Part #215307-4
2X4P HV100 REC CON. TE, 7.0MMTE Part #5-146282-2
02 MODII HDR SRST B/A .100CLTE Part #350828-1
09P UMNL HDR ASSY PC 94VOTE Part #640467-1
05P UMNL HDR ASSYTE Part #926900-1
UNIV-MNL STIFTTE Part #2-2176337-4
CRGCQ 0402 820R 1%TE Part #5161390-1
01P.DIP SWITCH ASSY

Documents

Product Drawings

[2X9P HV100 REC CON. TE, 7.0MM](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_215307-9_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_215307-9_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_215307-9_F.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English