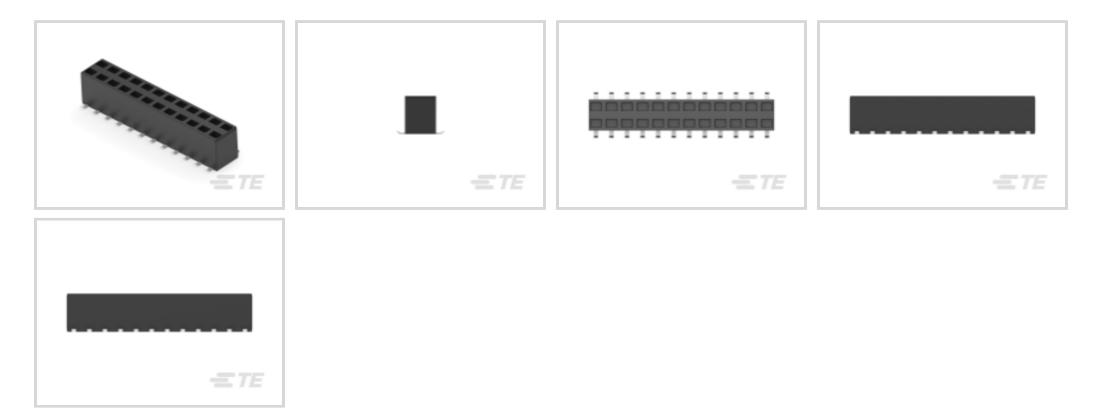
1-969973-2 - ACTIVE

AMPMODU | AMPMODU HV-100/HV-190

TE Internal #: 1-969973-2 PCB Mount Receptacle, Vertical, Board-to-Board, 24 Position, 2.54 mm [.1 in] Centerline, Gold, Surface Mount, Signal, Black, AMPMODU HV-100/HV-190

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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: 24

Number of Rows: 2

Features

E TE connectivity

Product Type Features

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	24
Number of Rows	2
Board-to-Board Configuration	Parallel
Body Features	
Connector Profile	Standard
Primary Product Color	Black
Contact Features	

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PCB Mount Receptacle, Vertical, Board-to-Board, 24 Position, 2.54 mm [.1 in] Centerline, Gold, Surface Mount, Signal, Black, AMPMODU HV-100/HV-190



Mating Square Post Dimension 4 Contact Layout Ir Mating Pin Diameter 4 Contact Base Material P Contact Mating Area Plating Material G Contact Mating Area Plating Material Thickness 7 Contact Type S Contact Current Rating (Max) 3 Termination Features 7 Rectangular Termination Post & Tail Thickness 7 Mating Alignment V PCB Mount Retention V PCB Mount Alignment V V PCB Mount Alignment V Mating Features 8 Housing Features 8 Mating Features 8 Mating Entry Location 8 Mating Entry Location 8	Closed Entry Housing 64 mm[.025 in] 63 mm[.025 in] 63 mm[.025 in] 76 pm[30 pin] 60 cket 64 cmm[.000 pm] 77 mm[.000 pm] 77 mm[.027 in] 77 mm[.027 in] 77 mm[.027 in] 77 mm[.027 in] 77 mm[.027 in] 77 mm[.027 in]
Contact LayoutIrMating Pin DiameterContact Base MaterialPContact Mating Area Plating MaterialContact Mating Area Plating Material ThicknessContact TypeSContact Current Rating (Max)Termination FeaturesRectangular Termination Post & Tail WidthTermination Method to Printed Circuit BoardSMating AlignmentVPCB Mount RetentionVPCB Mount AlignmentVConnector Mounting TypeBHousing FeaturesMating Entry LocationB	hline 63 mm[.025 in] Phosphor Bronze Gold 762 µm[30 µin] Gocket 7 A 2 mm[.008 in] 7 mm[.027 in] Gurface Mount
Mating Pin Diameter 4 Contact Base Material P Contact Mating Area Plating Material G Contact Mating Area Plating Material Thickness G Contact Type S Contact Current Rating (Max) G Fermination Features G Rectangular Termination Post & Tail Thickness G Rectangular Termination Post & Tail Width G Termination Method to Printed Circuit Board S Vechanical Attachment V PCB Mount Retention V PCB Mount Alignment V PCB Mount Alignment V Mating Features B Housing Features B Mating Entry Location B	53 mm[.025 in] Phosphor Bronze Gold 762 µm[30 µin] Gocket 3 A 2 mm[.008 in] 7 mm[.027 in] Gurface Mount
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Contact Mating Area Plating Material Thickness.7Contact TypeSContact Current Rating (Max)3Termination Features.2Rectangular Termination Post & Tail Thickness.2Rectangular Termination Post & Tail Width.7Termination Method to Printed Circuit BoardSWechanical AttachmentVPCB Mount RetentionVPCB Mount AlignmentVConnector Mounting TypeBHousing Features8Mating Entry LocationB	762 µm[30 µin] Socket 2 A 2 mm[.008 in] 7 mm[.027 in] Surface Mount
Contact TypeSContact Current Rating (Max)3Termination Features2Rectangular Termination Post & Tail Thickness2Rectangular Termination Post & Tail Width7Termination Method to Printed Circuit BoardSWechanical AttachmentVPCB Mount RetentionVPCB Mount AlignmentVConnector Mounting TypeBHousing FeaturesMating Entry LocationMating Entry LocationB	iocket A 2 mm[.008 in] 7 mm[.027 in] Surface Mount Vithout
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Termination Features	2 mm[.008 in] 7 mm[.027 in] Surface Mount
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PCB Mount Alignment V Connector Mounting Type B Housing Features B Mating Entry Location B	Vithout
Connector Mounting Type B Housing Features Mating Entry Location B	
Housing Features Mating Entry Location B	Vithout
Mating Entry Location B	Board Mount
Centerline (Pitch)	Bottom & Top
	2.54 mm[.1 in]
Housing Material	.CP (Liquid Crystal Polymer)
Dimensions	
Connector Height 6	o.2 mm[.244 in]
Row-to-Row Spacing 2	2.54 mm[.1 in]
Stack Height 9	9 mm[.354 in]
PCB Thickness (Recommended) 1	.6 mm[.063 in]
Jsage Conditions	
Operating Temperature Range -	65 – 125 °C[-85 – 257 °F]
Operation/Application	
Solder Process Feature	
Circuit Application S	Board Standoff

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Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	600
Packaging Type	Reel
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

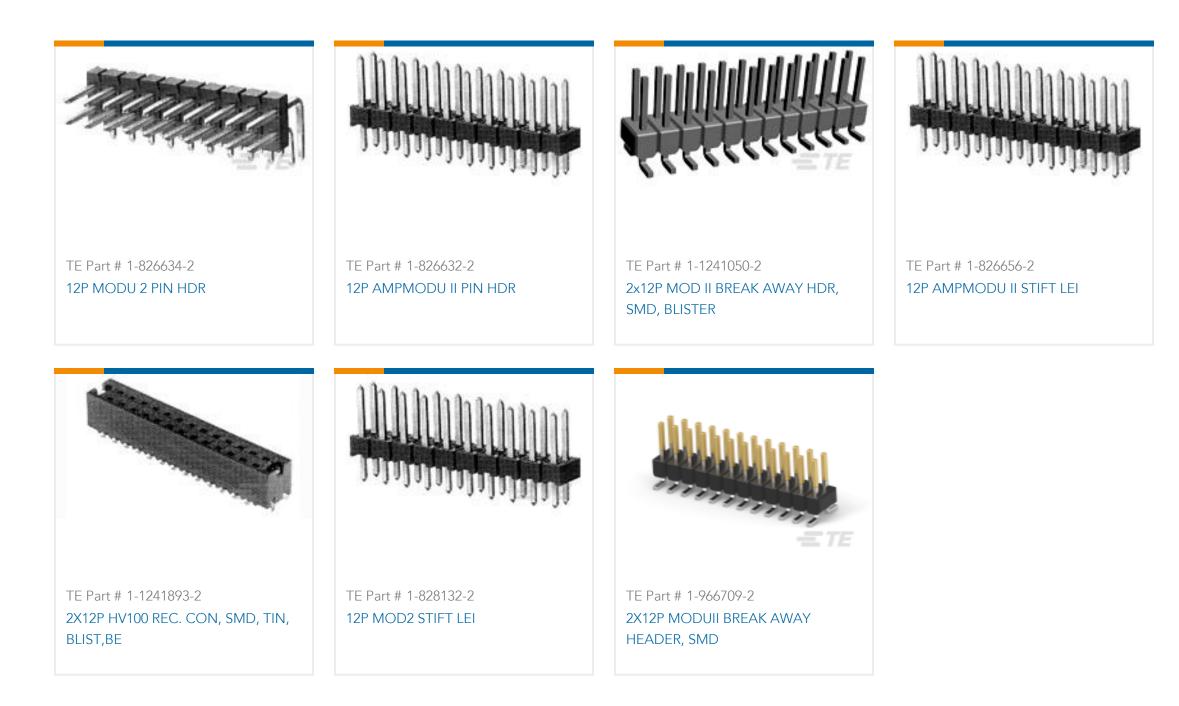
Product Compliance Disclaimer

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-onreach

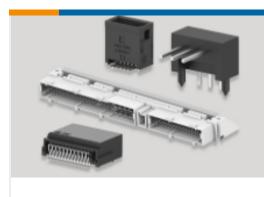
Compatible Parts

PCB Mount Receptacle, Vertical, Board-to-Board, 24 Position, 2.54 mm [.1 in] Centerline, Gold, Surface Mount, Signal, Black, AMPMODU HV-100/HV-190





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



PCB Headers & Receptacles(333)



Customers Also Bought



PCB Mount Receptacle, Vertical, Board-to-Board, 24 Position, 2.54 mm [.1 in] Centerline, Gold, Surface Mount, Signal, Black, AMPMODU HV-100/HV-190





Documents

CAD Files

Customer View Model ENG_CVM_CVM_1-969973-2_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model ENG_CVM_CVM_1-969973-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-969973-2_E.3d_stp.zip

English

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Datasheets & Catalog Pages

1773393_ AMPMODU_EUROPEAN_STANDARD_PRODUCTS

English