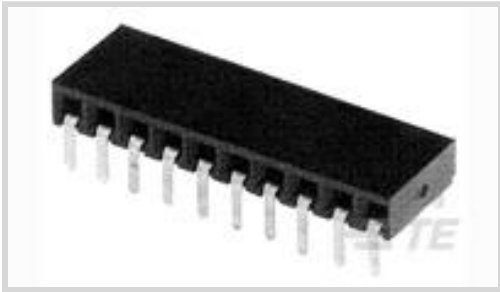




Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **20**

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

Features

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

Number of Rows	1
Stackable	Yes
PCB Mount Orientation	Right Angle
Number of Positions	20

Body Features

Connector Profile	Standard
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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
Mating Pin Diameter	.63 mm[.024 in]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square



PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.762 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	3.2 mm[.126 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	Without
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Connector Height	3.2 mm[.126 in]
Row-to-Row Spacing	7.62 mm[.3 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	42
Packaging Method	Box

Product Compliance

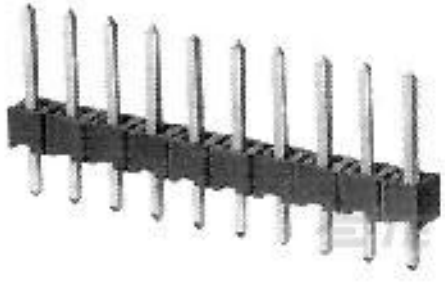
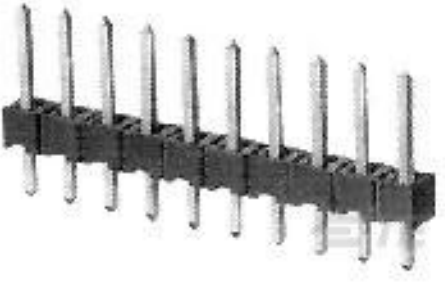
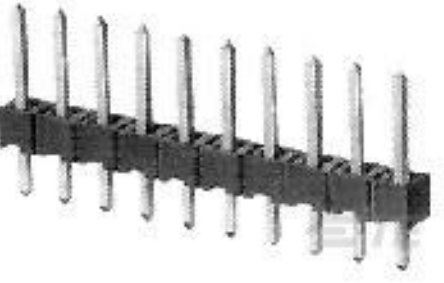
For compliance documentation, visit the product page on TE.com>

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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>

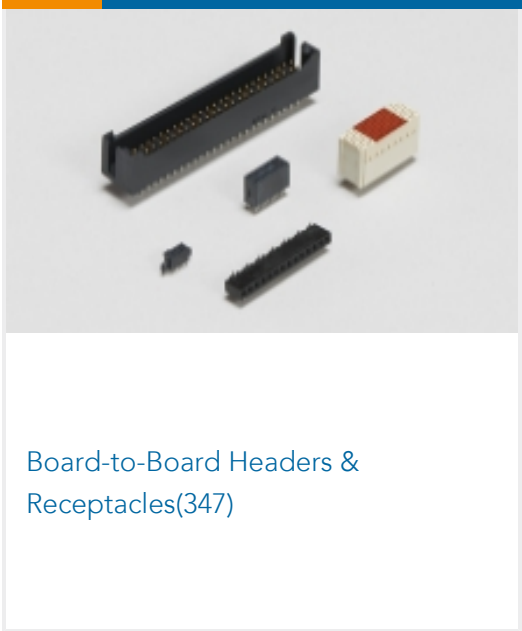
Compatible Parts

 TE Part # 2-826629-0 20P AMPMODU II PIN HDR	 TE Part # 2-826646-0 20P AMPMODU II STIFT LEI	 TE Part # 2-826648-0 20P AMPMODU II STIFT LEI	 TE Part # 2-826651-0 20P AMPMODU II STIFT LEI
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TE Part # 2-826654-0
20P AMPMODU II STIFT LEI

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



Board-to-Board Headers & Receptacles(347)

Customers Also Bought



TE Part #1473005-1
DDR2 SO DIMM Sockets



TE Part #1-770170-0
03P MINI-UMNL ASSY VO SNNI*



TE Part #1437654-1
6PCV-17-1206=6PCV ASSEMBLY



TE Part #1-216602-2
12P HV190 FEDERLEIS



TE Part #1-216602-6
HV190 REC ASSY 1X16P



TE Part #1-1879501-8
CRGH2512 5% 5R1 2W



TE Part #1-770178-0
06P MINI-UMNL ASSY VO SNNI*



TE Part #1-770170-1
03P MINI UMNL ASSY VO SNAU LF



TE Part #1-826629-9
19P AMPMODU II STIFT LEI



TE Part #DRCP25-86PBB-GC03
HDR, 86P, BLK, ST, 12/20, AU/NI/CU, BB



Documents

Product Drawings

20P HV190 FEDERLEIS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-216602-0_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-216602-0_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-216602-0_B.3d_stp.zip

English

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Product Environmental Compliance

Product Compliance

English

Product Compliance

English