



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



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

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	2
Stackable	No
PCB Mount Orientation	Vertical
Number of Positions	10
Board-to-Board Configuration	Parallel

Body Features

Connector Profile	Standard
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Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.5 µm
Mating Pin Diameter	.63 mm[.025 in]
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Tin



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	.7 mm[.027 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

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

Housing Features

Mating Entry Location	Bottom
Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black
Housing Material	PCT GF

Dimensions

Connector Height	7 mm[.276 in]
Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	6.35 mm[.25 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	41
Packaging Method	Box & Tube, Tube



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	Reflow solder capable to 260°C

Product Compliance Disclaimer

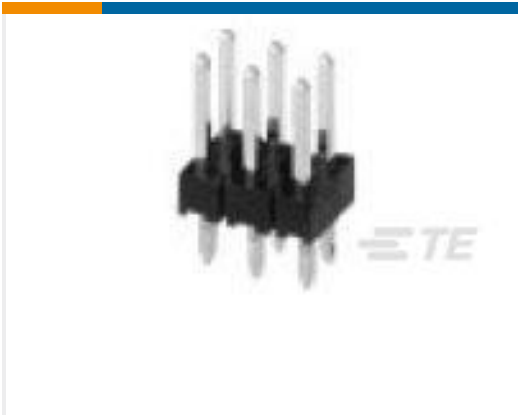
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-on-reach>

Compatible Parts

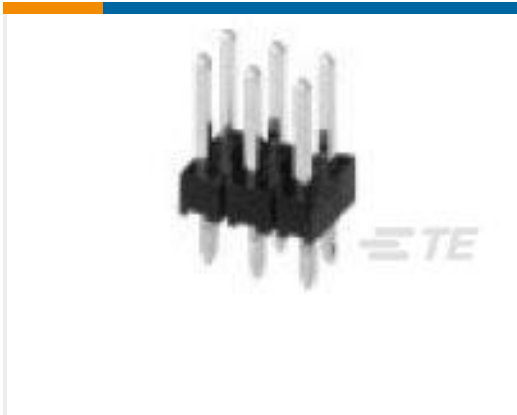
 TE Part # 5-102975-5 10 MODII HDR DRRA B/A .100CL	 TE Part # 5-147279-2 10 MODII HDR DR SFMT B/A T&R LF	 TE Part # 104350-5 10 MODII HDR DRST B/A W/HD	 TE Part # 147279-2 10 MODII HDR DR SFMT B/A T&R
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TE Part # 5-103326-5
10 MODII HDR DRRA B/A .100CL



TE Part # 104351-5
10 MODII HDR DRST B/A W/HD



TE Part # 104433-5
10 MODII HDR DRST B/A W/HD



TE Part # 103783-5
10 MODII HDR DRST B/A .100CL



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



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



TE Part # 102979-5
10 MODII HDR DRRA B/A .100CL



TE Part # 103149-5
10 MODII HDR DRRA B/A .100CL



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



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



TE Part # 104353-5
10 MODII HDR DRRA B/A W/HLDWN



TE Part # 104354-5
10 MODII HDR DRRA B/A W/HLDWN



TE Part # 5-103675-5
09/10 MODII HDR DRST B/A .100 LF



TE Part # 5-147062-7
9/10 MODII HDR DRST B/A SL



TE Part # 5-147115-4
9/10 MODII HDR DRST SFMT B/A

Also in the Series | [AMPMODU HV-100/HV-190](#)



Board-to-Board Headers & Receptacles(347)

Customers Also Bought



TE Part #164533-4
D-Sub Crimp Recept Signal 25 Posn,
Socket Size 20, Shell Size 3

TE Part #1-66504-0
D-Sub Conn Contacts: Socket,
Phosphor Bronze, Signal, Size 20

TE Part #1658646-1
D-Sub Crimp Recept Signal 9 Posn,
Socket Size 20, Shell Size 1

TE Part #166294-1
D-Sub Connector Contacts: Pin, Brass,
Signal, Size 20

TE Part #1534809-1
HD20 COVER KIT25POS WITH CABLE

TE Part #1393776-7
V23026D1024B201 *X020

TE Part #166722-1
TANDEM SPR.REC.F

TE Part #1648360-1
708-0134-01109=SA CONTACT,SKT

TE Part #160773-6
PL LOOSE PIECE REC 0.5-1.5 MM2
PTPBR

TE Part #YDIV44E15-35SNC001
RECP ASSY

Documents

Product Drawings

2x5P HV100 REC. CON, SMD, GOLD,TUBE PACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_966645-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_966645-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_966645-5_A.3d_stp.zip

English

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

Product Environmental Compliance



TE Material Declaration

English