



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: **10**

Number of Rows: **2**

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

Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	10
Number of Rows	2
Board-to-Board Configuration	Parallel

Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features

Contact Protection Type	Closed Entry Housing
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.5 µm
Contact Layout	Inline
Mating Pin Diameter	.63 mm[.025 in]
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	.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 & Top
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

Connector Height	6.2 mm[.244 in]
Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	9 mm[.354 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

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

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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: JAN 2023 (233) 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-on-reach>

Compatible Parts

TE Part # 1241050-5 2x5P MOD II BREAK AWAY HDR,SMD, BLISTER	TE Part # 826632-5 5P AMPMODU II PIN HDR	TE Part # 826656-5 5P AMPMODU II STIFT LEI	TE Part # 826634-5 05P MODU 2 PIN HDR.
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TE Part # 826658-5
5P AMPMODU II STIFT LEI

TE Part # 826662-5
5P AMPMODU II STIFT LEI

TE Part # 966269-5
2x5P MOD II BREAK AWAY HDR,SMD,
TUBE PKG

TE Part # 215447-5
2X 5P MOD2 STIFTLEI

TE Part # 826664-5
5P MOD2 STIFT LEI

TE Part # 829394-5
2X5P MOD II UNSHRD HDR, ST, 0.8 AU

TE Part # 828132-5
5P MOD2 STIFT LEI

TE Part # 826659-5
MOD2 HEADER DR 5P

TE Part # 966709-5
2X5P MODUII BREAK AWAY HEADER,
SMD

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

PCB Headers & Receptacles(345)

Customers Also Bought

TE Part #2-292173-5
CT BOX HDR H SMT 5P O/TAPE BLA

TE Part #1735042-5
1MM FFC SMT V ASSY 5P EMBOSS

TE Part #1546216-3
TERMI-BLOK PCB MOUNT 90 3P.

TE Part #1775073-1
SHIELD FINGER 434025N7



TE Part #3-1624113-6 3650 2A 33nH 5% 2K RL	TE Part #G-MRCO-017 CO MS32 8L TDFN 2,5x2,5 SWITCH ANALOG	TE Part #225266-E M12 M 5 UNI L90H T * 301 * 188 * * * * 0	TE Part #3-1775653-4 AMPMODU 2.0,RCPT,R/A,34POS,P1. 27,8u"Au
TE Part #464643-E M08 F 3 A H S * 207 16,3 094 * * * * 999			

Documents

Product Drawings

2x5P HV100 REC. CON, SMD, GOLD, BLISTER

English

CAD Files

Customer View Model

ENG_CVM_CVM_969973-5_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_969973-5_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_969973-5_E.3d_stp.zip

English

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Product Environmental Compliance

MD_969973-5_091820131027_dmtec

English

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English