



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **12**

Number of Rows: **2**

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

Features

Product Type Features

PCB Connector Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Stackable	Yes
Number of Positions	12
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Connector Profile	Standard
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Contact Features

Mating Pin Diameter	.63 mm[.025 in]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Socket

Termination Features



Rectangular Termination Post & Tail Width	.7 mm[.027 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Retention	Without
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Housing Features

Mating Entry Location	Bottom & Top
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	LCP

Dimensions

Connector Height	6 mm[.236 in]
Row-to-Row Spacing	2.54 mm[.1 in]

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 245°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>

Customers Also Bought

TE Part #ZPF000000000100856
DMC-MD 24 A

TE Part #474771-E
M12 FEMALE, X CODE, 8P, 17MM
SMT, CAT6A

TE Part #170892-1
187 FASTON HSG.,REC.,NATURAL

TE Part #326854
BUDGET RING 16-14 2

TE Part #647402-6
06P SL156 HSG W/RMP&TABS,OVSZ

TE Part #2-1393236-1
V23092-A1024-A201

TE Part #1742088-2
187 FASTON,FLAG,REC.,18-
14OR2X18AWG,TPBR

TE Part #2302451-1
MATENET, MALE INSERT MODUL

TE Part #2348770-2
HD MATEnet - COVER FOR SWS

TE Part #2348771-1
HD MATEnet SWS

Documents

Product Drawings
2X6P HV100 REC. CON, SMD, TIN, BLIST,BE
German