



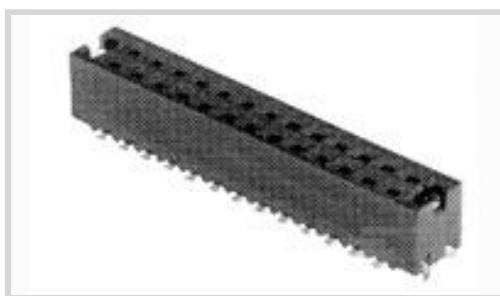
AMPMODU

TE Internal #: 1241893-6

PCB Mount Receptacle, Vertical, Board-to-Board, 12 Position, 2.54 mm [.1 in] Centerline, Tin, Surface Mount

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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: **12**

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	12
Number of Rows	2

Body Features

Connector Profile	Standard
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Contact Features

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

Termination Features

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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

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 (Liquid Crystal Polymer)

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 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>

Compatible Parts



TE Part # 1-1977937-2
12 MODII HDR DRST SFMNT B/A 30



TE Part # 1-1977938-2
12 MODII BA HDR,DR SM,30PD,CAP



TE Part # 1-1977939-2
12 MODII HDR DRST SFMNT B/A 30



TE Part # 1-1977940-2
12 MODII BA HDR,DR SM,30PD,CAP



TE Part # 1-1977941-2
12 MODII BA HDR,DR SM,30PD,CAP



TE Part # 4-103322-5
12 MODII HDR DRST B/A .100CL



TE Part # 5-147376-4
11/12 MODII HDR DR SFMNT B/A L-Free



TE Part # 103777-6
12 MODII HDR DRST B/A .100CL

Customers Also Bought



TE Part #9-966140-4
AMP MCP Unsealed Headers



TE Part #1534046-1
TAB HEADER ASSY 32POS



TE Part #5555141-1
MJ,LPF,R/A,8P/8C,SHLD,PNL GRD



TE Part #4-640621-0
10P MTA100 CONN ASSY F/T NATL



TE Part #1534531-2
SIGNAL HEADER



TE Part #1-2112180-3
POF,FO PIGTAIL,MOST,150, HAMA, ASSY



TE Part #9-1924089-6
44p Hyb 2.8/040 Cap Assy, gray, tin

Documents

Product Drawings

2X6P HV100 REC. CON, SMD, TIN, BLIST, BE

German