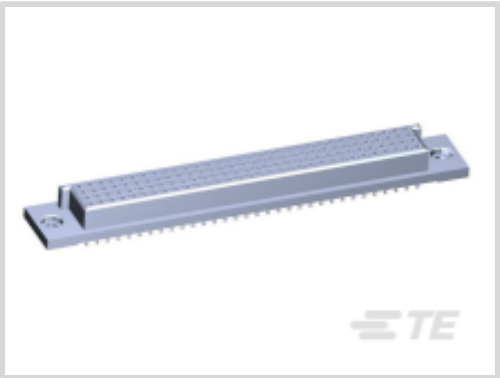




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**  
PCB Mount Orientation: **Vertical**  
Connector System: **Board-to-Board**  
Number of Positions: **100**  
Number of Rows: **4**

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

Number of Columns	25
Number of Loaded Positions	100
Board-to-Board Configuration	Perpendicular
Stackable	No
PCB Mount Orientation	Vertical
Number of Positions	100
Number of Rows	4

Body Features

Primary Product Color	Brown
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Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
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Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Four Beam
Contact Layout	Matrix
Contact Base Material	Beryllium Copper
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Width	.51 mm[.02 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Post & Tail Length	3.78 mm[.149 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Polarized
PCB Mount Retention Type	Mounting Hole
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Polyphenylene Sulfide (PPS)
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	15.24 mm[.6 in]
Connector Width	14.85 mm[.585 in]
PCB Thickness (Recommended)	2.36 mm[.093 in]
Connector Height	10.16 mm[.4 in]

Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]



Operation/Application

Assembly Process Feature	None
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	7
Packaging Method	Tube

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (13% in 4690948374) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Pin-in-Paste 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.



Customers Also Bought

TE Part #2-1586037-0  
20P VERT HDR VAL-U-LOK V2

TE Part #214797-E  
EPSVA KS GD-6 EE 6 3,8 SN \*  
STROMVERSORG

TE Part #350790-1  
03P UMNL PIN HDR ASSY 94VO

TE Part #1-480424-9  
04P CMNL PLUG HSG F/H BLK

TE Part #2-6609006-5  
15EJT1=F8137

TE Part #1-87133-1  
12 LOCKING CLIP HSG DR .100CL

TE Part #1-6609028-5  
10VK7=F7145 S0

TE Part #1055687-1  
2367 0000 54, VERT PLUG

TE Part #5-87456-3  
02 MODIV HSG COMP DR .100CL

TE Part #5106014-1  
Z-PACK/B RAMH.125P.

Documents

Product Drawings  
BOX II 4 ROW 100 POS RECP ASSY  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_533285-1\_W.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_533285-1\_W.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_533285-1\_W.3d\_stp.zip  
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

533285-1

PCB Mount Receptacle, Vertical, Board-to-Board, 100 Position, 2.54 mm [.1 in]  
Centerline, Gold (Au), Through Hole - Solder, Signal, Brown, Tube



Product Specifications

Product Specification

English