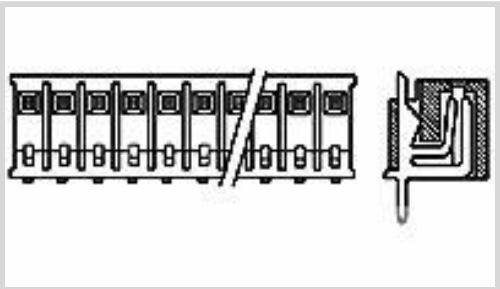




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **12**

Number of Rows: **1**

Features

Dimensions

Connector Height	7.6 mm[.3 in]
------------------	---------------

Packaging Features

Packaging Quantity	650
Packaging Method	Box

Termination Features

Rectangular Termination Post & Tail Width	.74 mm[.029 in]
Rectangular Termination Post & Tail Thickness	.56 mm[.022 in]
Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to PCB	Through Hole - Solder

Contact Features

Contact Mating Area Plating Material Thickness	1.524 – 3.048 µm[60 – 120 µin]
Mating Tab Width	.68 mm[.026 in]
PCB Contact Termination Area Plating Material Thickness	1.52 – 3.04 µm
Contact Shape & Form	Square
Contact Layout	Inline
Contact Base Material	Brass
Mating Tab Thickness	.76 mm[.029 in]
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material	Tin



Contact Type	Socket
Contact Current Rating (Max)	5 A

Housing Features

Mating Entry Location	Top
Housing Material	Crastin
Centerline (Pitch)	2.5 mm[.098 in]

Configuration Features

Stackable	No
PCB Mount Orientation	Vertical
Number of Positions	12
Number of Rows	1

Product Type Features

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

Body Features

Primary Product Color	Gray
-----------------------	------

Mechanical Attachment

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

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

UL Flammability Rating	UL 94V-1
------------------------	----------

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



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 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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 #1-1393219-0
PE014024



TE Part #2-1416010-6
RE034012



TE Part #2-1416010-7
RE034024

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_1-163680-1_S_c-1-163680-1-s.2d_dxf.zip
- English



Customer View Model

[ENG_CVM_CVM_1-163680-1_S_c-1-163680-1-s.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-163680-1_S_c-1-163680-1-s.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

[CIS Crimp Snap-In Receptacle Contact](#)

English

Agency Approvals

[Agency Approval Document](#)

English