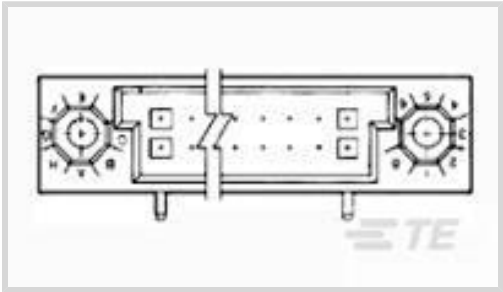




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **150**

Number of Rows: **2**

Features

Electrical Characteristics

Insulation Resistance	2 MΩ
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Dimensions

PCB Thickness (Recommended)	2.36 mm[.76 in]
Connector Height	6.6 mm[.259 in]

Usage Conditions

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

Termination Features

Rectangular Termination Post & Tail Width	.58 mm[.023 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Post & Tail Length	4.57 mm[.18 in]
Termination Method to PCB	Through Hole - Solder

Contact Features

Contact Mating Area Plating Material Thickness	.76 μm[29.9212 μin]
PCB Contact Termination Area Plating Material Thickness	.1 μm[3.937 μin]
Contact Shape & Form	Four Beam
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin



Contact Mating Area Plating Material	Gold
Contact Type	Socket
Contact Current Rating (Max)	3 A

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]

Configuration Features

Stackable	No
PCB Mount Orientation	Right Angle
Number of Positions	150
Number of Rows	2

Product Type Features

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

Body Features

Primary Product Color	Black
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Mechanical Attachment

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

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tube, Box
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Other

EU RoHS Compliance	Compliant
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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 2023 (233) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 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 # 532436-6
HDI PIN ASSY 4 ROW 180 POS




TE Part # 91117-5
TOOL CLINCHING




TE Part # 1-5532430-4
ASSY,PIN,VERTICAL,HDI,LEAD-FRE

Customers Also Bought







TE Part #3-2319848-1
END STACK DIP 10P G RECESS SEAL
TUBE




TE Part #2176314-4
MELF SMA_A 180R 0.1% 15PPM 0102
0.3W




TE Part #5146893-2
1FHR,84,30A/S,S,C,S08,09,10




TE Part #5-103911-3
60 SYSTEM 50 RCPT ASSY DRRA




TE Part #5-104076-2
60 SYS50 HDR DRST SHRD W/SL SN




TE Part #1-928836-2
MOD2 PIN WITH A-PIN L/P




TE Part #3-1415020-1
PT570N20



TE Part #1-1437581-1
ASE22RL=AUTOSLIDE DP



TE Part #7-2176246-6
CRGS2512 5% 1M8



TE Part #4-2176391-7
RQ 1206 37K4 0.1% 10PPM 5K RL

Documents

Product Drawings
ASSY,RECPT,R.ANGLE,HDI,LEAD-FR
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-5532428-4_B.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-5532428-4_B.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-5532428-4_B.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

Instruction Sheets

Instruction Sheet (U.S.)

English