



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: **1**

Number of Rows: **1**

Features

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
-----------------------------	----------------

Dimensions

Connector Width	7.4 mm[.29 in]
PCB Thickness (Recommended)	1.57 – 3.18 mm[.062 – .125 in]
Connector Height	9.02 mm[.355 in]
Connector Length	13.34 mm[.525 in]

Packaging Features

Packaging Quantity	96
Packaging Method	Carton

Industry Standards

Compatible With Agency/Standards Products	UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL 1977
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Mechanical Attachment

Mating Retention	Without
PCB Mount Retention	Without



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

Termination Features

Termination Post & Tail Length	4.57 mm[.18 in]
Termination Method to PCB	Through Hole - Press-Fit

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Fabrication	Stamped & Formed
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Silver
Contact Mating Area Plating Material	Gold
Contact Type	Socket
Contact Current Rating (Max)	25 A, 35 A

Housing Features

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

Configuration Features

Number of Power Positions	1
Board-to-Board Configuration	Parallel
PCB Mount Orientation	Right Angle
Number of Positions	1
Number of Rows	1

Product Type Features

Connector Shape	Rectangular
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
-----------------------	-------

Operation/Application

Circuit Application	Power
---------------------	-------

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 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

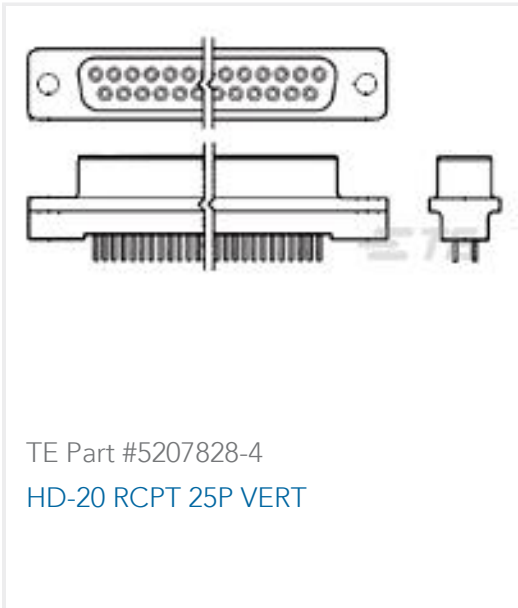
Product Compliance Disclaimer

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 #1-5745968-6  
25 PLUG SP/FMS SCRLK



TE Part #5207828-4  
HD-20 RCPT 25P VERT



TE Part #5557484-1  
MJ,TE,8P,SHLD,LOW PNL STR



TE Part #1-770967-1  
03P MINI UMNL R/A HDR ASSY AU



TE Part #142270-1  
CONNECTOR SHUNT 2 P



TE Part #2110819-1  
QSFP+ Enh EVERCLEAR PT Conn



TE Part #1-2129458-1  
DC Power Jack Conn DIP type 10.7A



TE Part #5787428-1  
HDR ASY,RA,LKEY,STR TAIL,12.0V



TE Part #1766663-1  
ICCON PIN, 16MM, M3.5 EXT THREAD



TE Part #CM6262-000  
TTMS-MP-6.4-9

Documents

CAD Files

Customer View Model

[ENG\\_CVM\\_6643220-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_6643220-1\\_C.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_6643220-1\\_C.2d\\_dxf.zip](#)

English

3D PDF

English

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

Datasheets & Catalog Pages

[POWER\\_CONNECTORS\\_CATALOG\\_SEC01\\_BOARD\\_TO\\_BOARD](#)

English

[1-1773718-4\\_POWER\\_CONNECTORS\\_QRG\\_CN](#)



[1-1773718-5\\_POWER\\_CONNECTORS\\_QRG\\_TCN](#)

[1-1773718-6\\_POWER\\_CONNECTORS\\_QRG\\_JA](#)

Japanese

[2\\_PIECE\\_POWER\\_CONNECTORS\\_qrg\\_4-1773458-1](#)

English

---

[Product Specifications](#)

[Application Specification](#)

English