



TE Internal #: 4-5353512-5  
PCB Mount Receptacle, Vertical, Board-to-Board, 40 Position, .5 mm [.02 in] Centerline, Gold (Au), Surface Mount, Signal, Black, Tape & Reel  
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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**  
Connector System: **Board-to-Board**  
Number of Positions: **40**  
Centerline (Pitch): **.5 mm [.02 in]**  
PCB Mount Orientation: **Vertical**

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

Stackable	Yes
Number of Positions	40
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Electrical Characteristics

Operating Voltage	250 VAC
Insulation Resistance	2 MΩ
Dielectric Withstanding Voltage (Max)	500 VAC



Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Thickness	.05 µm[2 µin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	.3 A

Termination Features

Rectangular Termination Post & Tail Width	.5 mm[.02 in]
Rectangular Termination Post & Tail Thickness	.15 mm[.006 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Retention Type	None
PCB Mount Alignment Type	None
Mating Alignment Type	Keyed
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	.5 mm[.02 in]
Housing Material	High Heat-Resisted Resin

Dimensions

Connector Height	1.02 mm[.04 in]
Stack Height	1.5 mm[.059 in]

Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]



Operation/Application

Assembly Process Feature	Vacuum Cover
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1500
Packaging Method	Tape & Reel

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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 9-912068-3  
[EMBOSS TAPE 24W 0.5 FS REC](#)

TE Part # 1-912069-2  
[COVER TAPE 21.5W](#)

Customers Also Bought

TE Part #CAT-HST-TRSA  
[TRSA Heat Shrink Tubing](#)

TE Part #5-1734324-3  
[RJ45,8P8C,w/ Y,G LED,W/ panel,dip, 30u"](#)

TE Part #1892787-6  
[Assy Vert MINIPAK HDL Rcpt 25s](#)

TE Part #2291634-2  
[SFP+ 1X1 CAGE ASSY, PF,WITH HEATSINK](#)

TE Part #5557570-1  
[MOD JK ASSY,2PORT,8POSN,SHLD](#)

TE Part #134713-000  
[TRSA-1015/A/1/N-KIT](#)

TE Part #2-1437506-4  
[8134-HC6P2-B=HOLTITE CONTACT G](#)

Documents

Product Drawings

[ON TAPING \(EMBOSS\) 0.5MM FS CONN. REC. A](#)

Japanese

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_4-5353512-5\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-5353512-5\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-5353512-5\\_A.3d\\_stp.zip](#)

English

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Product Specifications

Product Specification

English