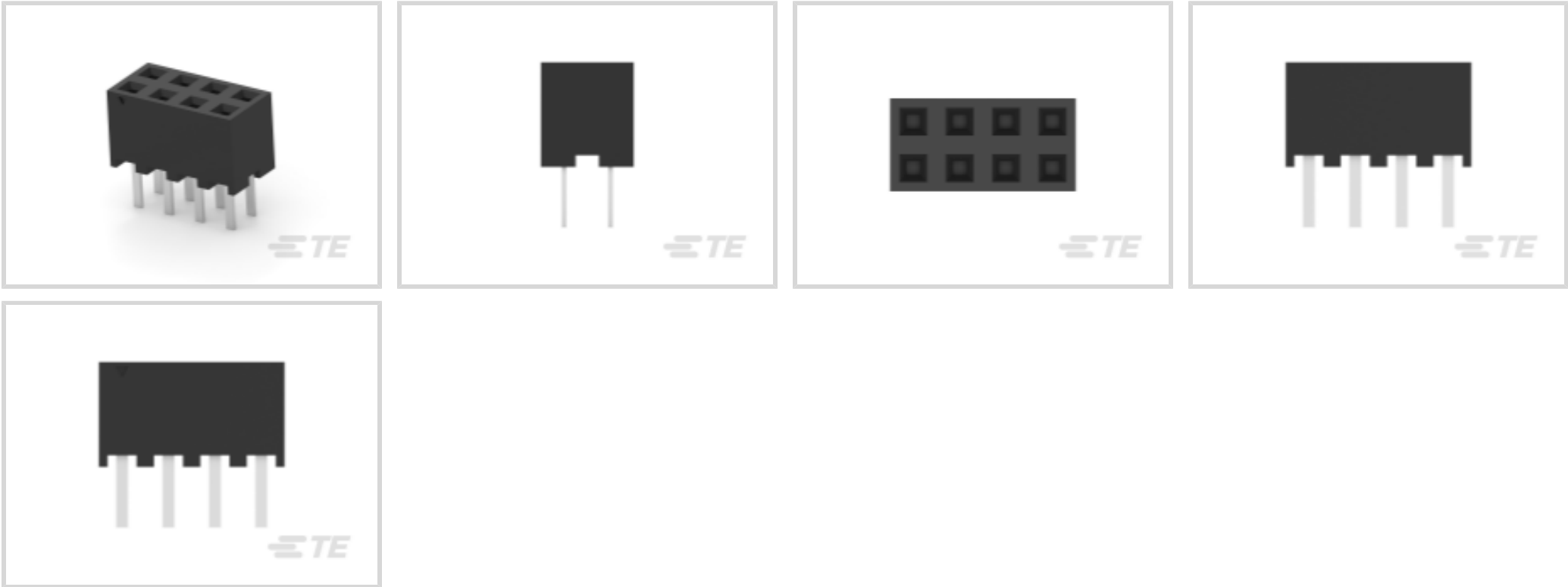




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **8**

Number of Rows: **2**

Features

Electrical Characteristics

Operating Voltage	250 VAC
Dielectric Withstanding Voltage (Max)	650 VAC

Dimensions

Row-to-Row Spacing	2 mm[.079 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	4.5 mm

Other

Position Locations Omitted	0
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Packaging Features

Packaging Quantity	26640
Packaging Method	Bag/Carton



Industry Standards

Compatible With Approved Standards Products	UL E28476, CSA LR7189
UL Flammability Rating	UL 94V-0

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Termination Features

Rectangular Termination Post & Tail Width	.5 mm[.02 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Post & Tail Length	2.6 mm[.102 in]
Termination Method to PCB	Through Hole - Solder

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.254 µm[10 µin]
Mating Square Post Dimension	.5 mm[.02 in]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[80 µin]
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Type	Socket
Contact Current Rating (Max)	1 A

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2 mm[.079 in]

Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Parallel
PCB Mount Orientation	Vertical
Number of Positions	8
Number of Rows	2



Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded
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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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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>

Compatible Parts

TE Part # 2-1734506-9
RCPT, 2.0MM, 12P,VRT MT, 8 Au", 2.6 ST

Also in the Series | AMPMODU 2 mm

Board-to-Board Headers & Receptacles(8161)

Connector Contacts(27)

PCB Headers & Receptacles(8190)

Wire-to-Board Connector Assemblies & Housings(202)

Wire-to-Board Headers & Receptacles (1037)

Customers Also Bought

TE Part #5-1415899-0
RZ03-1A3-D024

TE Part #160013
SOLIS 8 R M5

TE Part #6-104074-1
12 SYSTEM 50 HDR SRRA SHRD SN

TE Part #5-104071-4
20 SYSTEM 50 HDR SRST SHRD SN





TE Part #60322-2
[AMPLIVAR RG 20-16 8 TPBR](#)



TE Part #ANT-433-CW-RAH-SMA
[Antenna 1/4 Wave R-Angle 433MHz SMA](#)



TE Part #4-2176337-2
[CRGCQ 0402 27K 1%](#)



TE Part #1440007-2
[OJ-SS-124HM,000](#)



TE Part #81117-000
[LS509-51 Liquid Level Sensor](#)



TE Part #6-1415898-3
[RTS3TF18](#)

Documents

Product Drawings

[RCPT, 2.0MM, 08P,VRT MT, 8 Au", 2.6ST](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2-1734506-7_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-1734506-7_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1734506-7_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4](#)

English

Product Specifications

[Product Specification](#)

English