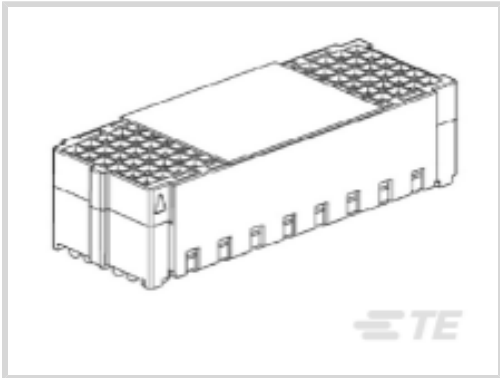




Connectors > PCB Connectors > PCB Headers & Receptacles > High-speed Mezzanine Connector: Pin & Socket Connector



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **114**

Number of Rows: **6**

Centerline (Pitch): **1.27 mm [.05 in]**

[All High-speed Mezzanine Connector: Pin & Socket Connector \(33\)](#)

Features

Product Type Features

Ground Feature Type	Signal Ground Contacts
Applied Pressure	Low
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

Number of Columns	19
Number of Loaded Positions	114
Number of Signal Positions	114
Keying & Polarized Position Locations	None
Number of Power Positions	0
Connector Contact Load Condition	Fully Loaded
Stackable	Yes
Number of Positions	114



Number of Rows	6
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Electrical Characteristics

Operating Voltage	250 VAC
Dielectric Withstanding Voltage (Max)	750 VAC

Body Features

Primary Product Color	Beige
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Contact Features

Mating Tab Width	.43 mm[.017 in]
Contact Layout	Matrix
Contact Base Material	Beryllium Copper
Mating Tab Thickness	.46 mm[.018 in]
Contact Mating Area Plating Material Thickness	1.27 μm[50 μin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket

Termination Features

Termination Method to PCB	Surface Mount - Solder Ball
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Mechanical Attachment

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

Housing Features

Centerline (Pitch)	1.27 mm[.05 in]
Housing Material	LCP

Dimensions

Row-to-Row Spacing	1.27 mm[.05 in]
Stack Height	17 mm[.669 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Industry Standards

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UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tape & Reel
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder 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





Also in the Series

AMP Mezalok

Board-to-Board Headers & Receptacles(26)

PCB Headers & Receptacles(26)

Customers Also Bought

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

TE Part #3-1415020-1
PT570N20

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

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

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

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

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

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

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

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

Documents

Product Drawings

MEZALOK, SOCKET, 114P, 17MM, LF

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_1-2102061-8_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2102061-8_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2102061-8_K.3d_stp.zip](#)

English

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

Product Specifications

[Product Specification](#)

English