



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



PCB Connector Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **114**

Number of Rows: **6**

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

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

Board-to-Board Configuration	Parallel
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	114
Number of Rows	6

Electrical Characteristics

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

Body Features

Primary Product Color	Natural
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Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	1.27 µm[49.9999 µin]
Mating Tab Width	.43 mm[.017 in]
Contact Shape & Form	Square
Contact Layout	Matrix
Contact Base Material	Beryllium Copper
Mating Tab Thickness	.46 mm[.018 in]
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Surface Mount - Solder Ball
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Mechanical Attachment

Mating Alignment Type	Polarizing Tab
PCB Mount Retention Type	Solder Ball
PCB Mount Alignment Type	None
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Mating Entry Location	Top
Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Row-to-Row Spacing	1.27 mm[.05 in]
Stack Height	18 mm[.709 in]
PCB Thickness (Recommended)	2.36 mm[.093 in]
Connector Height	14 mm[.55 in]



Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal

Industry Standards

Industry Standard	VITA 61
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Packaging Features

Packaging Quantity	100
Packaging Method	Tape & Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (36.09% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 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

TE Part # 2102060-1
Mezalok, Pin, 114 p, 50 Au, TL

Also in the Series

AMP Mezalok

Board-to-Board Headers & Receptacles(26)

PCB Headers & Receptacles(26)

Customers Also Bought

TE Part #9-2176397-2
3502 6K2 1%

TE Part #2313237-1
RAPLUGASSY,MGRT3,POWER,DP,SE, CENTER

TE Part #374144-E
STVM 24-8 M ABC VVW 4-00 0606 * * 137 E0

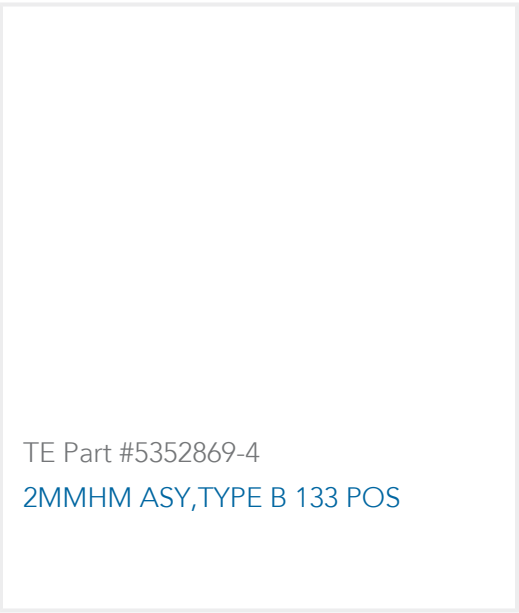
TE Part #4-1734376-8
USB CONN., B,4P, R/A,W/ SHELL, NATURAL

TE Part #CAT-MEZALOK-HS-114
High-speed Mezzanine Connector: Pin & Socket Connector

TE Part #5-146130-6
14 MODII HDR DRST SFMNT B/A LF

TE Part #374162-E
STVM 42-6 M ABC VVW 4-00 0606 * * 247 E0

TE Part #1-2176070-0
3521 24R 1% 2W



TE Part #5352869-4
[2MMHM ASY,TYPE B 133 POS](#)

Documents

Product Drawings

[Mezalok, Socket, 114 p, 18 mm, 50 Au, TL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2102061-9_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2102061-9_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2102061-9_K.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SOSA Aligned Interconnect Solutions](#)

English

[Mezalok Connector Brochure](#)

English

Product Specifications

[Product Specification](#)

English