



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

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	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	Natural
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Contact Features

Contact Underplating Material	Nickel
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 Thickness	1.27 µm[50 µin]
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

PCB Mount Retention Type	Solder Ball
Mating Alignment Type	Polarizing Tab
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

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

Dimensions

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

Usage Conditions

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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	有害物质含量超出标准 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) SVHC > Threshold: Pb (36.09% in 4929953) 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 < 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 #374162-E
STVM 42-6 M ABC VVV 4-00 0606 * *
247 E0

TE Part #1410142-1
MULTIGIG RT T2 .8" BP FULL RGH

TE Part #4-1624113-6
3650 0805 0.10uH 5% 2K RL

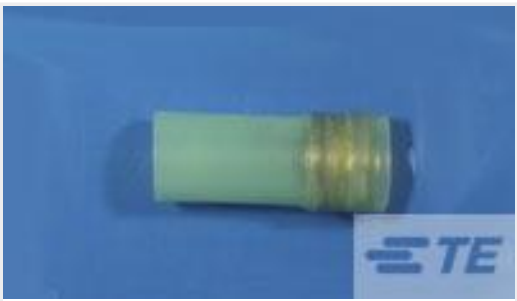
TE Part #1-2176070-9
3521 56R 1% 2W

TE Part #2-2176397-2
3502 7R5 1%

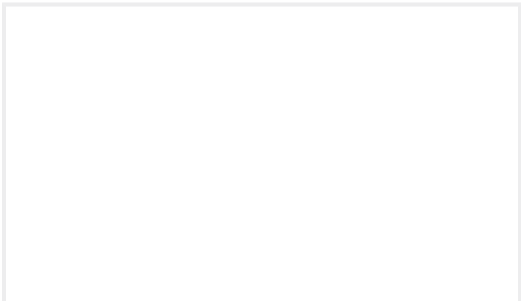
TE Part #2417726-1
2MMHM,TYPE C, 77 POS,MALE,
UNF=B

TE Part #6450849-6
MBXLE
2ACP+8S+4ACP+16S+2ACP+12S+2ACP

TE Part #1-6450869-0
V/R
2ACP+8S+4ACP+16S+2ACP+12S+2ACP



TE Part #443455N001
[D-150-1007CS821](#)



TE Part #DTS31W25-20PNI
[PLUG ASSY](#)

Documents

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

[Mezalok Connector Brochure](#)

English

Product Specifications

[Product Specification](#)

English