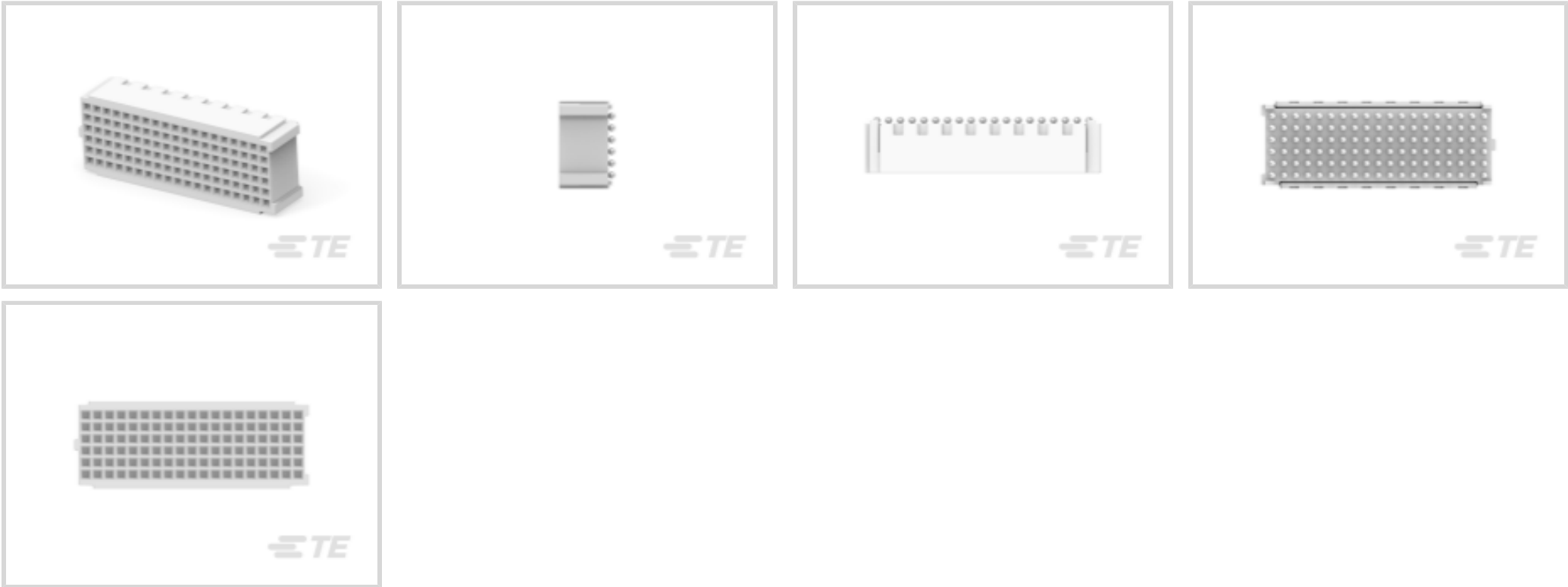




Connectors > PCB Connectors > PCB Headers & Receptacles



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]**

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

Mating Tab Width	.43 mm[.017 in]
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 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

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

Housing Features

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

Dimensions

Connector Height	6 mm[.236 in]
Row-to-Row Spacing	1.27 mm[.05 in]
Stack Height	18 mm[.709 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
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	450
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	Not Yet Reviewed
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: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

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 # 2102060-2
Mezalok, Pin, 114 p, 50 Au, LF

Also in the Series | Mezalok HSLF

Board-to-Board Headers & Receptacles(20)

PCB Headers & Receptacles(20)

Customers Also Bought

TE Part #EK4885-000
BTH1-13-08-1-ZN-SB

TE Part #87215-3
12 MODII HDR DRST UNSHRD .100

TE Part #1375799-3
ASSY, 120 POS PC104 PLUS

TE Part #1375800-4
ASSY, 120 POS PC104 PLUS LF

TE Part #1775862-2
mSATA/mini PCI-E 5.2H Type I G/F

TE Part #1888247-1
20 POS SMT CONN, SFP/SFP+, 30A

TE Part #2007181-1
SFP+ 1x2 Cage Assy, EMI Gasket

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

TE Part #1-5120528-1
1FHR, 64, 50A/S, N, C, S08, 09, 10



Documents

Product Drawings

Mezalok, Socket, 114 p, 18 mm, 50 Au, LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2355825-0_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2355825-0_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2355825-0_1.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Product Specification

English