

1-2102061-7 ✓ ACTIVE

[Mezalok](#) | [AMP Mezalok](#)

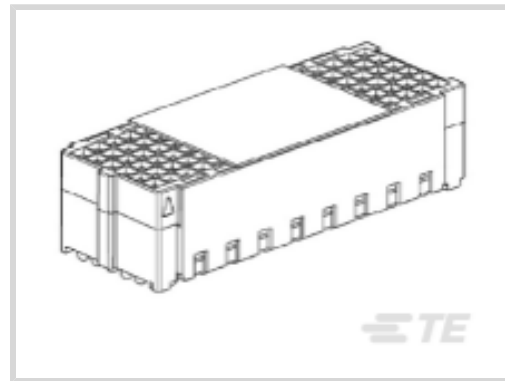
TE Internal #: 1-2102061-7

PCB Mount Receptacle, Vertical, Board-to-Board, 114 Position, 1.27 mm [.05 in] Centerline, Gold, Surface Mount - Solder Ball, Beige, AMP Mezalok

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[Connectors](#) > [PCB Connectors](#) > [PCB Headers & Receptacles](#) > [High-speed Mezzanine Connector: Pin & Socket Connector](#)



PCB Connector Assembly 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 \(34\)](#)

## Features

### Product Type Features

Applied Pressure	Low
Ground Feature Type	Signal Ground Contacts
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

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



Number of Rows	6
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Board-to-Board Configuration	Parallel
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### Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 VAC
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Operating Voltage	250 VAC
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### Body Features

Primary Product Color	Beige
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### Contact Features

Contact Layout	Matrix
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Mating Tab Width	.43 mm[.017 in]
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Mating Tab Thickness	.46 mm[.018 in]
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Contact Base Material	Beryllium Copper
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Contact Mating Area Plating Material	Gold
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Contact Mating Area Plating Material Thickness	1.27 $\mu$ m[50 $\mu$ in]
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Contact Type	Socket
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### Termination Features

Termination Method to Printed Circuit Board	Surface Mount - Solder Ball
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### Mechanical Attachment

Mating Alignment Type	Keyed
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PCB Mount Retention	Without
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Connector Mounting Type	Board Mount
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### Housing Features

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

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

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

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Type	Tape & Reel
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### 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	<p>Current ECHA Candidate List: JUNE 2023 (235)</p> <p>Candidate List Declared Against: JUNE 2023 (235)</p> <p>SVHC &gt; Threshold: Pb (36.09% in Component Part)</p> <p><b>Article Safe Usage Statements:</b> 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.</p>
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

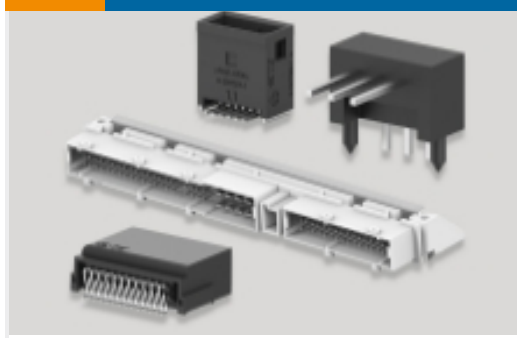
#### Product Compliance Disclaimer

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



## Also in the Series | AMP Mezalok



PCB Headers & Receptacles(27)

## Customers Also Bought



TE Part #206070-8  
CABLE CLAMP KIT #17



TE Part #DT04-2P  
REC, 2P, GRY, N



TE Part #DT06-2S  
PLG, 2P, GRY, N



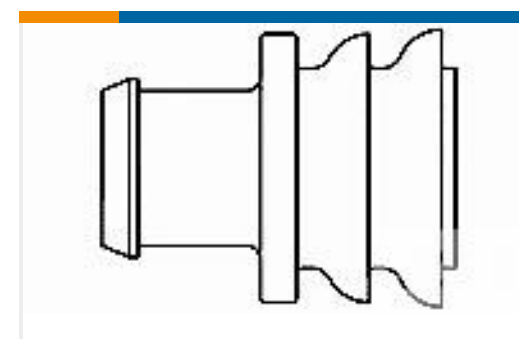
TE Part #W2S  
Wedgelocks: DEUTSCH DT



TE Part #0460-202-16141  
DEUTSCH Solid Contacts



TE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL

## Documents

### Product Drawings

MEZALOK, SOCKET, 114P, 17MM, 50AU, TL

English

### Datasheets & Catalog Pages

SOSA Aligned Interconnect Solutions

English

### Product Specifications

Product Specification

English