



BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

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

Mezalok | 0.50 Connector System , Mezalok

1-2102061-0

TE Internal Number: 1-2102061-0

EU RoHS Compliant

EU ELV Compliant

**Connector Style** Receptacle

**Number of Positions** 114

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

**Stack Height** 18 mm [.709 in]

**Packaging Method** Tape & Reel

**PRODUCT DRAWING**  
English

**3D PDF**

**DOCUMENTATION**

Product Drawings

**ASSEMBLY, SOCKET, 114 POSITION, MEZALOK STACKING CONNECTOR**

PDF

English

CAD Files

**3D PDF**

PDF

3D

**Customer View Model**

2D\_DXF.ZIP

English

## **Customer View Model**

3D\_IGS.ZIP

**English**

## **Customer View Model**

3D\_STP.ZIP

**English**

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Catalog Pages/Data Sheets

## **Mezalok Connector Brochure**

PDF

**English**

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Product Specifications

Product Specification

## **Product Specification For The Mezalok Stacking Connector System**

PDF

**English**

Qualification Test Report

## **MEZALOK\* Stacking Connector System**

PDF

**English**

Design For Environment Standard

## **Mezalok Stacking Connectors**

PDF

**English**

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## **FEATURES**



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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Product Type Features

**Connector Style** Receptacle

**Sealable** No

**Connector & Contact Terminates To** Printed Circuit Board

**Gasket** Without

**Stabilizers** Without

**Row-to-Row Spacing** 1.27 mm [.0499 in]

**Series** Mezalok

**PCB Mounting Orientation** Vertical

**Connector Type** Connector Assembly

**Boss** Without

**Hybrid** No

**Strain Relief** Without

**Product Type** Connector

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Configuration Features

**Stackable** Yes

**Number of Positions** 114

**Number of Rows** 6

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#### Electrical Characteristics

**Dielectric Withstanding Voltage (VAC)** 750

**Voltage (VAC)** 250

**Insulation Resistance (MΩ)** 1000

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#### Body Features

**Color** Natural

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#### Contact Features

**Contact Protection** Without

**Contact Mating Area Plating Material** Gold

**Contact Mating Area Plating Thickness** 1.27 µm [ 49.9999 µin ]

**Contact Layout** Matrix

**Contact Base Material** Beryllium Copper

**Contact Type** Socket

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#### Termination Features

**Termination Method to PC Board** Surface Mount - Solder Ball

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#### Mechanical Attachment

**PCB Mount Retention** Without

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#### Housing Features

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

**Housing Material** LCP (Liquid Crystal Polymer)

**Housing Color** Natural

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#### Dimensions

**Stack Height** 18 mm [.709 in]

**Height** 14 mm [.5502 in]

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#### Usage Conditions

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

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#### Operation/Application

**Assembly Process Feature** None

**Pick and Place Cover** With

**For Use With** Pin Housing

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#### Industry Standards

**Industry Standard Configuration** VITA 61

**Industry Standard** VITA 61

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Packaging Features

**Packaging Method** Tape & Reel

**Packaging Quantity** 100

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Other

**Comment** Conforms to requirement of VITA 61 (VITA 42 Alternate)., VITA 42 and VITA 61 are not intermateable but are footprint and XMC architecture compatible.

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**PRODUCT COMPLIANCE**



Statement of Compliance

**Statement of Compliance**

PDF

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