

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

Catalog Pages/Data Sheets

Mezalok Connector Brochure

PDF

English

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

FEATURES



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

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

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

Configuration Features

Stackable Yes

Number of Positions 114

Number of Rows 6

Electrical Characteristics

Dielectric Withstanding Voltage (VAC) 750

Voltage (VAC) 250

Insulation Resistance (MΩ) 1000

Body Features

Color Natural

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

Termination Features

Termination Method to PC Board Surface Mount - Solder Ball

Mechanical Attachment

PCB Mount Retention Without

Housing Features

Centerline (Pitch) 1.27 mm [.05 in]

Housing Material LCP (Liquid Crystal Polymer)

Housing Color Natural

Dimensions

Stack Height 18 mm [.709 in]

Height 14 mm [.5502 in]

Usage Conditions

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

Operation/Application

Assembly Process Feature None

Pick and Place Cover With

For Use With Pin Housing

Industry Standards

Industry Standard Configuration VITA 61

Industry Standard VITA 61

Packaging Features

Packaging Method Tape & Reel

Packaging Quantity 100

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.

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
