



BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
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TE CONNECTIVITY (TE)

Mezalok, Pin, 114 p, 50 Au, TL

[Mezalok](#) | [Mezalok](#) , [TL](#)

2102060-1

TE Internal Number: 2102060-1

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Plug**

Centerline **1.27 mm [.05 in]**

Stack Height (mm) **10, 12, 15, 18**

Stack Height (in) **.393, .4716, .5895, .7074**

Number of Positions **114**

Packaging Method **Tape & Reel**

Product Drawings

[ASSEMBLY, PIN, 114 POSITION, MEZALOK STACKING CONNECTOR](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
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[Customer View Model](#)

2D_DXF.ZIP
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[3D PDF](#)

PDF
3D

Product Specifications

Product Specification

[MEZALOK* Stacking Connector System](#)

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Application Specification

[Mezalok Stacking Connectors](#)

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Qualification Test Report

[MEZALOK* Stacking Connector System](#)

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Product Environmental Compliance

TE Material Declaration

[MD_2102060-1_110520151121_dmtec](#)

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English

Product Type Features	Connector Style	Plug
	PCB Mounting Orientation	Vertical
	Row-to-Row Spacing	1.27 mm [.0499 in]
	Gasket	Without
	Applies To	Printed Circuit Board
	Product Type	Connector
	Boss	Without
	Series	Mezalok
	Sealed	No
	Hybrid	No
	Connector Type	Connector Assembly
	Strain Relief	Without
	Stabilizers	Without
Configuration Features	Number of Positions	114
	Number of Rows	6
	Stackable	Yes
Electrical Characteristics	Voltage (VAC)	250
	Insulation Resistance (MΩ)	1000
	Dielectric Withstanding Voltage (VAC)	750
Body Features	Color	Natural
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	1.27 μm [49.9999 μin]
	Contact Shape	Square
	Contact Type	Pin
	Contact Protection	Without
	Contact Layout	Matrix
	Contact Base Material	Phosphor Bronze
Termination Features	Termination Method to PC Board	Surface Mount - Solder Ball
	Solder Ball Material	Tin-Lead

Mechanical Attachment	PCB Mount Retention	Without
Housing Features	Centerline	1.27 mm [.05 in]
	Housing Material	LCP (Liquid Crystal Polymer)
	Housing Color	Natural
Dimensions	Stack Height (mm)	10, 12, 15, 18
	Stack Height (in)	.393, .4716, .5895, .7074
	Height	9.15 mm [.359595 in]
Usage Conditions	Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
Operation/Application	Pick and Place Cover	With
	Assembly Process Feature	None
	For Use With	Socket Housing
Industry Standards	Industry Standard	VITA 61
	Industry Standard Configuration	VITA 61
Packaging Features	Packaging Method	Tape & Reel
	Packaging Quantity	230
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 PDF VIEW ALL PRODUCT COMPLIANCE	

