

# Miscellaneous Products

## XMC Socket Saver Via-in-Pad (2mm) VITA 61-to-VITA 61

The primary use for the XMC socket saver is to prevent wear out of the XMC connectors on a carrier card or mezzanine card. The XMC socket saver also elevates the XMC by about 12mm.

The XMC socket saver can extract XMC modules under test with an optional extraction tool. The extraction tool, P/N 5332, mounts on the socket saver and pulls on the edges of the mezzanine card with two metal fingers to apply a more balanced removal force.

The extraction tool, P/N 5332, can also be ordered by itself for use on customer XMCs. The XMC socket saver has 2 XMC male connectors on one side and 2 XMC female connectors on the other.

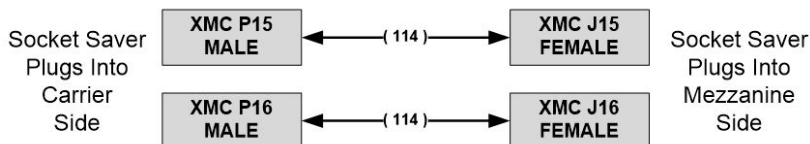
All signals are routed 1 to 1 and there are no common signals such as ground or power planes. Mounting holes for XMC standoffs allow the board to be fastened down to a carrier card. The socket saver is offered with VITA 42, VITA 61 and VITA 88 XMC connectors along with various combinations and depopulations.

Because of the large insertion and removal forces created by the VITA 61 connectors, Technobox applies edge bonding material and connector lubricant to boards with those connectors installed.

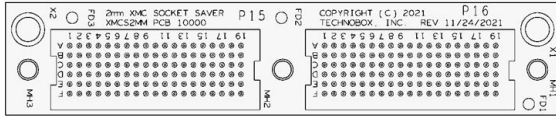


# 10292

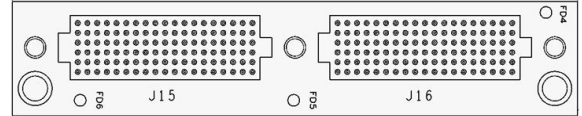
- Connects all XMC Signals in a One-to-One Fashion
- Prevents Wear Out of Expensive XMC Connectors
- Provides 12mm Elevation of the XMC
- 24mm Stack Height
- Use of Other Stacking Height XMC Connectors for Other Elevations
- Conformal Coated Using Chase Specialty Coatings, Humiseal Division P/N 1A33 (Urethane)
- Aids Test & Debugging
- PCB Measures 74mm x 14.9mm. Same Width as an XMC Card but Much Shorter
- Corner-bonded with Zymet UA-2605-B Material
- IPC Class 2 Assembly
- Uses Loctite 222 Threadlocker
- P/N 5332 Extraction Tool is Optional
- Extracts XMC Modules Evenly
- Soft Black Rubber Handles
- Via-in-Pad PCB Design for Better Signal Integrity
- Sold as a COTS (Commercial-off-the-Shelf) Product
- ROHS Compliant



6	3	M1259-2545-SS	STANDOFF, DOUBLE FEMALE, 12MM LEN, M2.5
5	3	ASP-198471-02	HDWR SCREW M2.5 MICRO JACK SCREW STAND-OFF 10MM BOARD STACK HEIGHT 303 SS
4	3	92605A914	SET SCREW M2.5 X 12MM LENGTH
3	2	2102060-1	CONN MEZALOK XMC 114 PIN TIN/LEAD BGA PKG 50U(IN) GOLD
2	2	2102061-1	Mezalok, Socket, 114 p, 10 mm, 50 Au, TL
1	1	10000	CUSTOM PCB - TECHNOBOX
ITEM NO.	QTY	MFG PN	DESCRIPTION



**COMPONENT PLACEMENT VIEW - SIDE #1**



**COMPONENT PLACEMENT VIEW - SIDE #2**

## SPECIFICATIONS

**Temperature (Operating):** -40 to +85 degrees C

**Temperature (Storage):** -55 to +100 degrees C

**Altitude:** Not Specified or Characterized. Typical similar equipment is at 15,000 ft

**Humidity:** 5% to 90% non-condensing

**Vibration:** Not specified or characterized

**Shock:** Not specified or characterized

**MTBF:** Available on request

**Weight (P/N 9967):** TBD grams

**Voltages Required:** None this is a passive device

**Power:** None this is a passive device

## ORDERING INFORMATION

**10292:** XMC Socket Saver Via-in-Pad (2mm) VITA 61-to-VITA 61

**10238:** XMC Socket Saver Via-in-Pad (2mm) VITA 61-to-VITA 61

**10052:** XMC Socket Saver (2mm) VITA 88-to-VITA 88

**10049:** XMC Socket Saver (2mm) VITA 61-to-VITA 88

**10035:** XMC Socket Saver (2mm) VITA 42-to-VITA 88

**9967:** XMC Socket Saver Via-in-Pad (2mm) VITA 61-to-VITA 61

**5332:** Socket Saver Optional Extraction Tool

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