

Miscellaneous Products

XMC Socket Saver Family (2mm)

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.

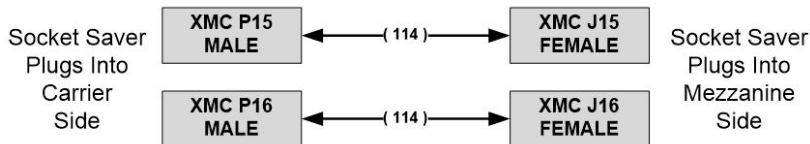
All signals are routed 1 to 1 and there are no common signals such as ground or power planes. Mounting holes for XMC standoffs allow the board to be fastened down to a carrier card. The socket saver is offered with VITA 42, VITA 61 and VITA 88 XMC connectors along with various combinations and depopulations.

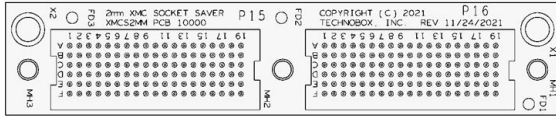
Because of the large insertion and removal forces created by the VITA 61 connectors, Technobox applies edge bonding material and connector lubricant to boards with those connectors installed.



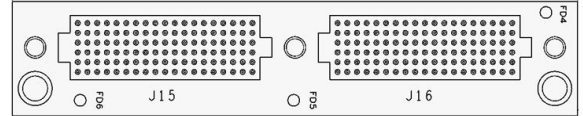
9967

- Connects all XMC Signals in a One-to-One Fashion
- Prevents Wear Out of Expensive XMC Connectors
- Provides 12mm Elevation of the XMC
- Use of Other Stacking Height XMC Connectors for Other Elevations
- Aids Test & Debugging
- PCB Measures 74mm x 14.9mm. Same Width as an XMC Card but Much Shorter
- P/N 5332 Extraction Tool is Optional
- Extracts XMC Modules Evenly
- Soft Black Rubber Handles
- Via-in-Pad PCB Design for Better Signal Integrity
- ROHS Compliant





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

