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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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Full-service, independent repair center
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so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
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- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

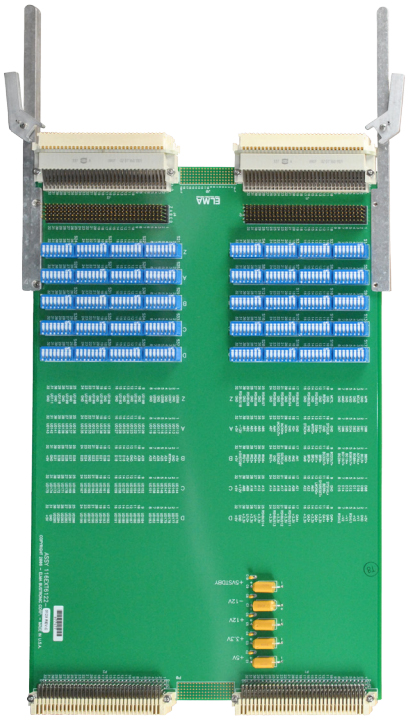
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Find the *Elma / Bustronic 116EXT6122-012X* at our website: *Click HERE*

ELMA Backplanes

VME64x Test Extender
ANSI/ VITA 1.1 D2.1 compliant

ELMA Your Solution Partner



Description

Elma Electronic VME64x test extenders have been designed to comply with the mechanical and signal connection requirements of the ANSI/VITA 1.1 – 1997 VME extensions standard.

The VME64x extender boards are designed to bring a circuit card completely out of a card cage or enclosure so that it can be tested or debugged. This provides access to both sides of the test board. There are test points for all of the lines on each 160-pin connector. Each signal, power line can be individually isolated with the DIP switches, but they are tied to power and ground planes. The VME64x extender board accommodates use in 160mm and 220mm chassis.

Additional features include high and low frequency decoupling capacitors, five signal layers and seven power and ground planes. Elma Electronic test extenders are designed to maximize performance, minimize noise and give the customer the most reliable, costeffective products possible. The rugged card guide handles securely hold the test board, ensuring a reliable connection.

Features

- Designed to meet mechanical and electrical connection requirements of ANSI/ VITA 1.1 D2.1 VME extensions standard
- All J1 and J2 connector pins can be individually switch isolated, but are tied to power and ground planes
- Test points for all 160 pins of J1 and J2
- Superior power distribution utilizing 2 oz. copper power and ground planes
- Optional J0 connector available
- Designed for use in 160mm and 220mm chassis
- Rugged card guide handles most legacy VME products

Board Specifications

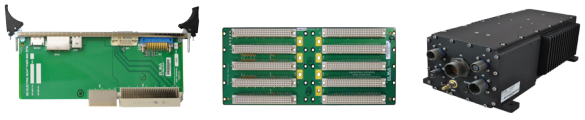
- 12-layer stripline design
- PCB UL recognized 94V-0
- PCB FR-4 or equivalent
- PCB .062" thick

Mechanical Specifications

- 6U x 220mm
- All J1, J2 and J0 connectors are DIN, class II

Applications and Related Products

- Highly integrated applications such as:
- Integrated display processing, mission management and navigational control for avionics systems
- Industrial monitoring, medical equipment, and night-vision systems requiring enhanced graphics capabilities
- Shipboard systems for target tracking and high definition displays
- Applications requiring a mix of I/O options, high compute density and enhanced graphics



- Rear Transition Modules for I/O
- Standard and custom VME backplanes
- Rackmount, desktop and ATR chassis platforms
- Embedded Computing Boards & Systems
- Ruggedization programs

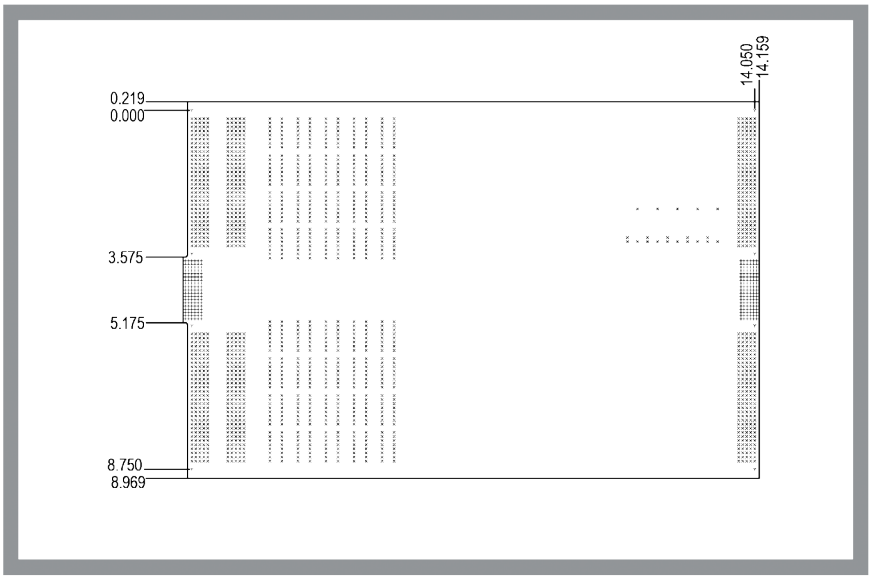
VME/VME64x

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VME64x Test Extender
ANSI/ VITA 1.1 D2.1 compliant

VME64x Backplanes

Line Drawing



Order Information

Height	Length	Description	Part Number
6U	220mm	Without P0 Connector	116EXT6122-012X
6U	220mm	With P0 Connector	116EXT6122-0125
6U	220mm	Without P0 Connector, RoHS compliant	116EXT6122-012XR
6U	220mm	With P0 Connector, RoHS compliant	116EXT6122-0125R

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