



EMBEDDED
SYSTEMS, INC.

™

Single Slot Test Fixture VPX, VME, CompactPCI, Custom

The VITA 48.2-compliant Single Slot Test Fixture can be used for development, validation, and environmental testing. In the vertical configuration, the fixture can be used in the benchtop or desktop for development and validation.

By changing the test fixture, it can be used for operational/ non-operational environmental testing.

- VITA 46.0 (VPX base), optional VITA 66 (optical interconnect), VITA 67 (coax interconnect)
- Rear connectors for cables or RTMs included, optional support for VITA 46.10 RTMs

BACKPLANE

Form factor: VPX (shown), VME, CompactPCI, Custom

Card size: 6U VITA 48.2, 3U optional

Fabric/Profile: Power and ground only

Slot count: 1

COOLING

Method: Conduction

PHYSICAL

HWD: 15" x 14" x 3.3"

Weight: 30 lb

Materials: Aluminum

Finish: Chemical conversion, IAW MIL-DTL-5541,
Type II, Class 3

Construction: Bolted machined

ENVIRONMENTAL

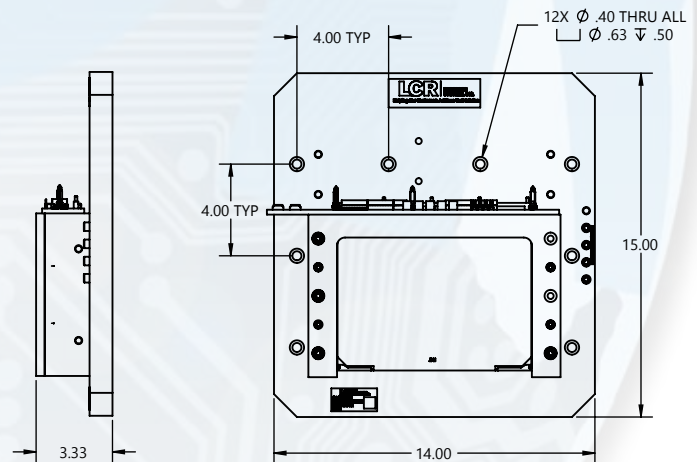
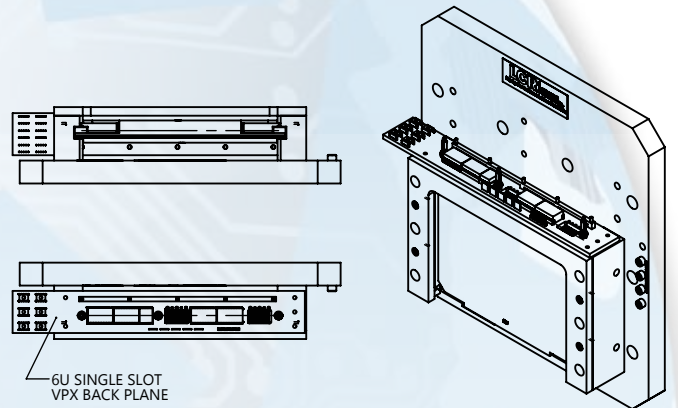
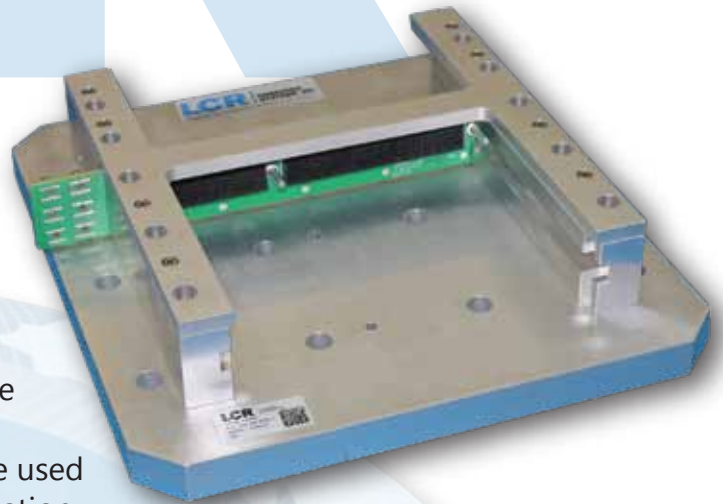
Temperature: -55C to 125C (op/st)

Humidity: 5-95% (op/st)

Altitude: 15,000 ft

Shock: 40Gs @ 11ms MIL-STD-810E (Method 516.4)

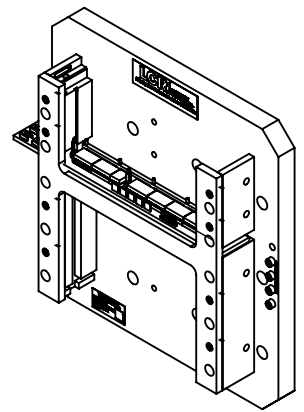
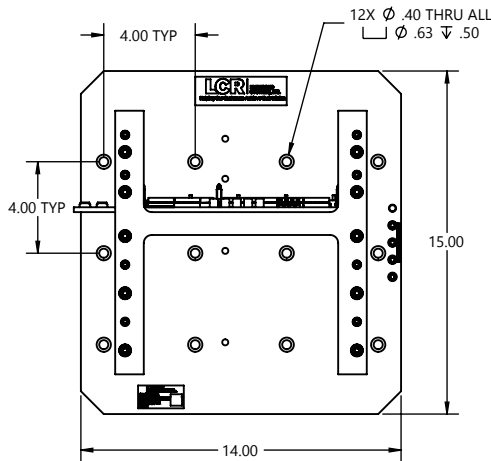
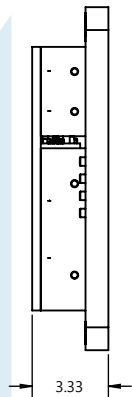
Vibration: 1.0Gs/Hz 10 to 2000 Hz MIL-STD-810E
(Method 514.4)



VITA 46.0 BACKPLANE SHOWN



6U SINGLE SLOT
VPX BACK PLANE



VITA 46.0 BACKPLANE SHOWN, w/ RTM MOUNTING

LCR EMBEDDED SYSTEMS OFFERS

Rugged Design Options
Custom Form Factors
Custom Backplanes and
Electronics
Custom Standards
System Integration

Complete Testing Capabilities
Advanced Design Capabilities
Retrofit/Upgrade to 3rd Party
Equipment
Complete Manufacturing
Services Located in the USA

LCR Embedded Systems provides a limited, one- year warranty on its products. The complete warranty plus other terms and conditions of sale are available upon request. Contact your area LCR Embedded Systems Sales Representative for more information.



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