



### GENERAL CHARACTERISTICS

#### Isolation:

**Input to Output:** 1500 VDC

**Input to Case:** 1500 VDC

**Output to Case:** 500 VDC

**MTBF:** 346,747 hrs  $G_F$  @ 55°C (est.)  
IAW MIL-HDBK-217F Notice 2

### MECHANICAL (1.0 inch pitch)

See O&C drawing OC94112 for connector details and pin assignment

**Dimensions:** 3.94"W x 6.63"L x .97"H

**Weight:** 2.10 lbs. maximum

**Connector:** TE P/N 2313443-1  
(includes separating fins as defined by VITA 62.2)

### ENVIRONMENTAL COMPLIANCE

(IAW VITA 47.1 Class ECC4SL1)

#### Temperature

**Operating:** -40°C to +85°C

**Storage:** -55°C to +105°C

**Altitude:** -1,500 to +60,000 ft.

**Shock:** VITA 47.1 Class DS2

**Vibration:** VITA 47.1 Class B3

**EMI:** MIL-STD-461G: C102, CS101, CS104, CS105, CS116

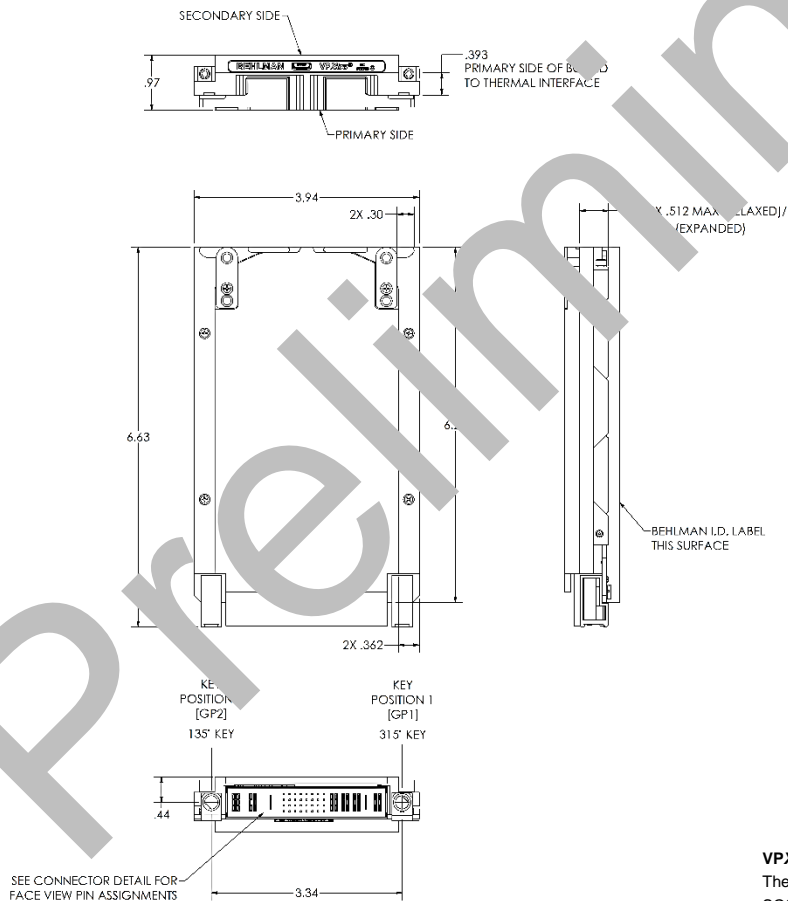
#### Designed to meet the following:

**Humidity:** VITA 47.1 up to 95% RH (NC)

**Salt Fog:** VITA 47.1 Class SL1

**MIL-STD-704F:** Including operation through normal and abnormal transients

For more details see VPXtra 700HD-IQI Data Sheet



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VITA Member

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