



# MIL KEY L246W96K83 Keyboard

Indigenous Technology : Designed, Developed & Manufactured by Keetronics (India) Pvt. Ltd.

This Rugged keyboard exceeds NEMA 4X requirements when properly installed. This is designed for desktop & mobile applications and features a conductive plastic housing with multiple grounding points for improved EMI shielding. It offers adjustable green backlighting with an optional NVIS-compatible version and is sealed to IP68 for dust and water protection, making it suitable for harsh EMI environments.

## Features

- Adjustable Backlighting by brightness control keys
- Integrated FSR pointing Device
- Green Backlit
- Design to meet MIL-STD-461E

## -Technical Specification

### • Electrical:

- Power Supply: 5V/DC, Current Input: 200mA (from CPU port)
- Interface: USB
- USB Cable Length : Approx. 1.8 Meter
- Compatible with all Microsoft Windows /MAC / Linux

### • Mechanical

- Number of Keys: 83 Keys
- Individual key life cycle: 10 million key strokes
- Key actuation force: 200g  $\pm$ 30g
- Key travel: 1.5mm  $\pm$ 0.3mm
- Key Switch Material: Industrial Silicone Rubber

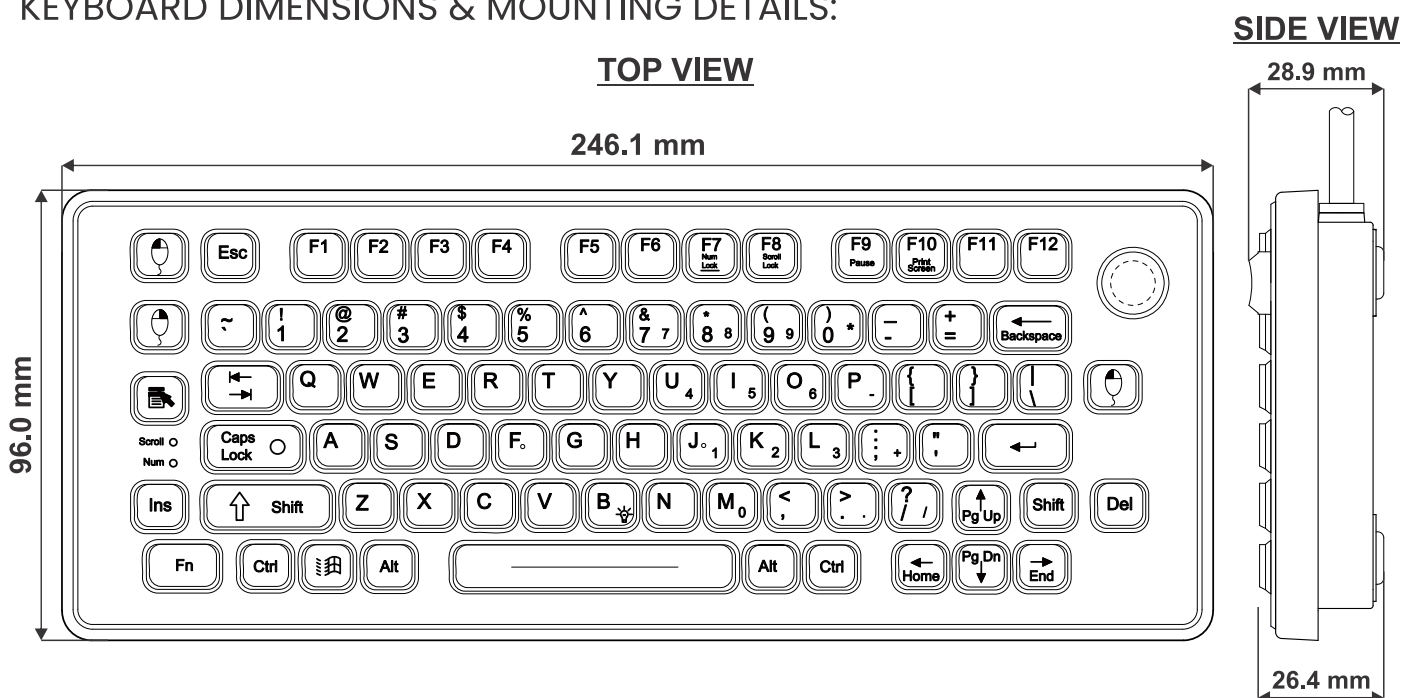
### • Environmental

- Vibration : Frequency Range – 20Hz to 2000 Hz (Duration: 3 hr per axis(X, Y, Z))
- Shock Test : Peak acceleration – 50g, Pulse Width – 11ms at 3 axis (Number of shocks per axis – 3)

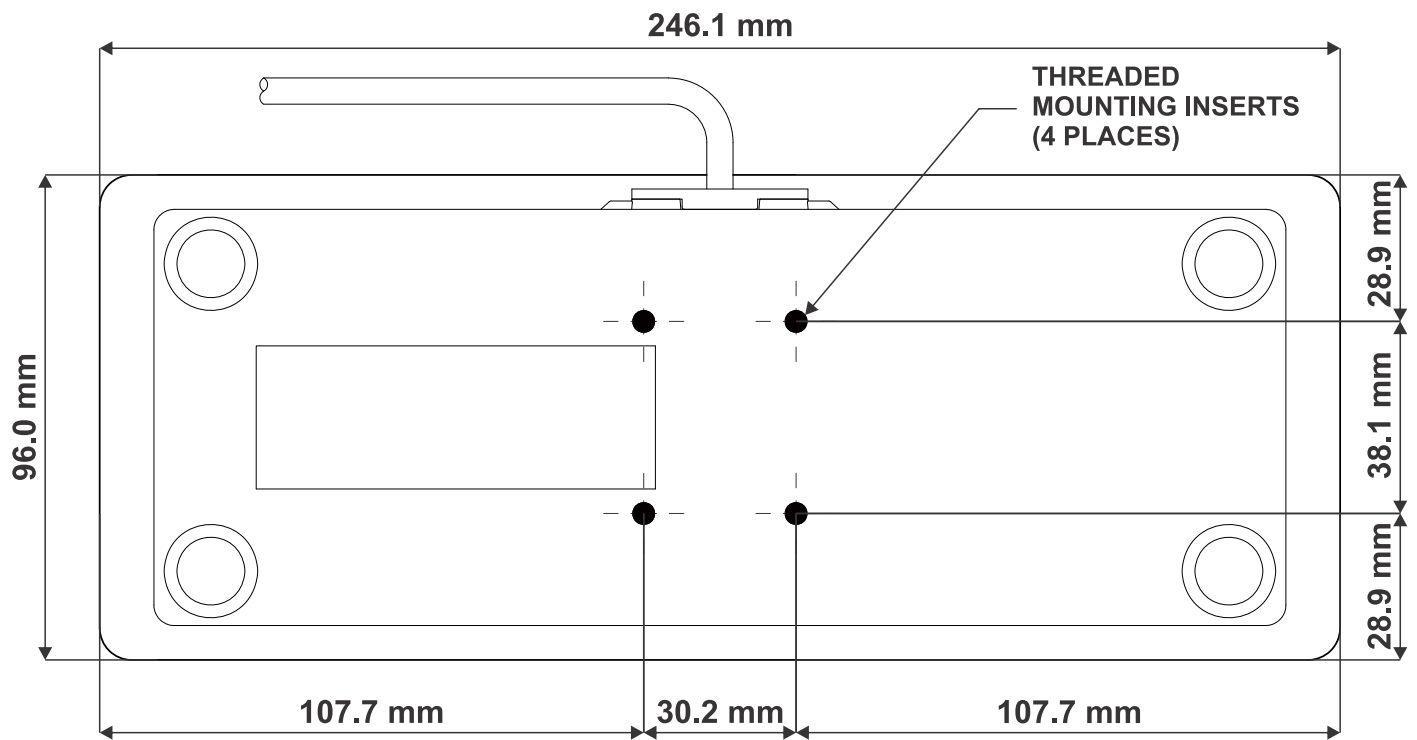
### • Others

- Operating temperature: -20°C to +70°C
- Storage temperature: -30°C to +75°C
- Relative Humidity: 93% Rh at 40°C
- Dimensions (L-W-T): 246.1 mm x 96 mm x 29 mm (Excluding key height) Tol.  $\pm$ 2mm
- Warranty: 1 Year

## KEYBOARD DIMENSIONS & MOUNTING DETAILS:



## BACK VIEW



## EXPLODED VIEW

