

TECHNICAL DATASHEET

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 and 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 brightner 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

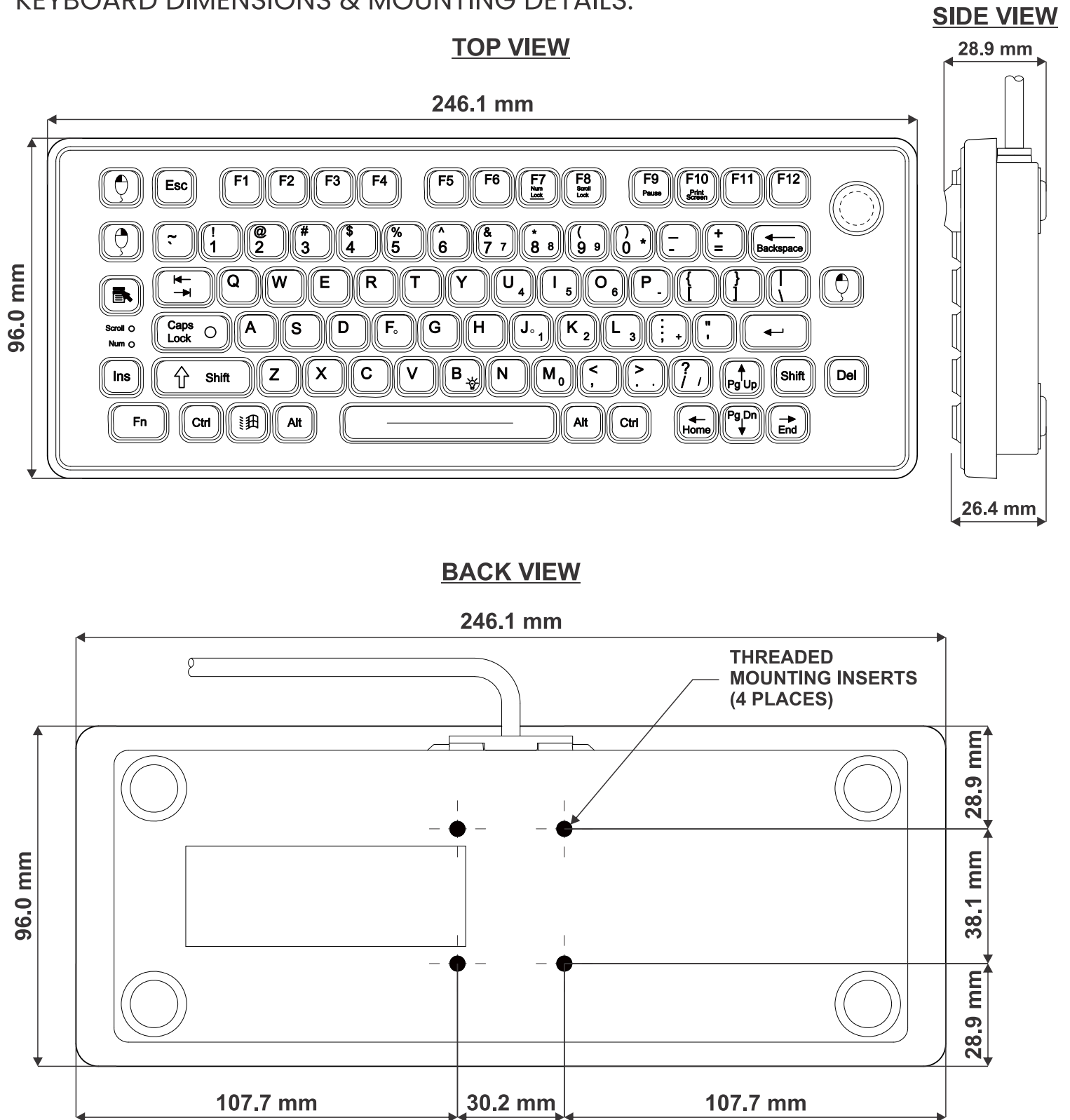
- Operating temperature: -20°C to +70°C
- Storage temperature: -30°C to +75°C
- Relative Humidity: 93% Rh at 40°C
- Dimensions (L-W-T): 246.1 mm x 96 mm x 29 mm (Excluding key height) Tol. \pm 2mm
- Warranty: 1 Year

Note:-

Keetronics has ensured that the design meets the required specifications; however, it is the customer's responsibility to assemble the product with the appropriate bezel and conduct testing as part of the complete unit to verify compliance and functionality.

TECHNICAL DATASHEET

KEYBOARD DIMENSIONS & MOUNTING DETAILS:

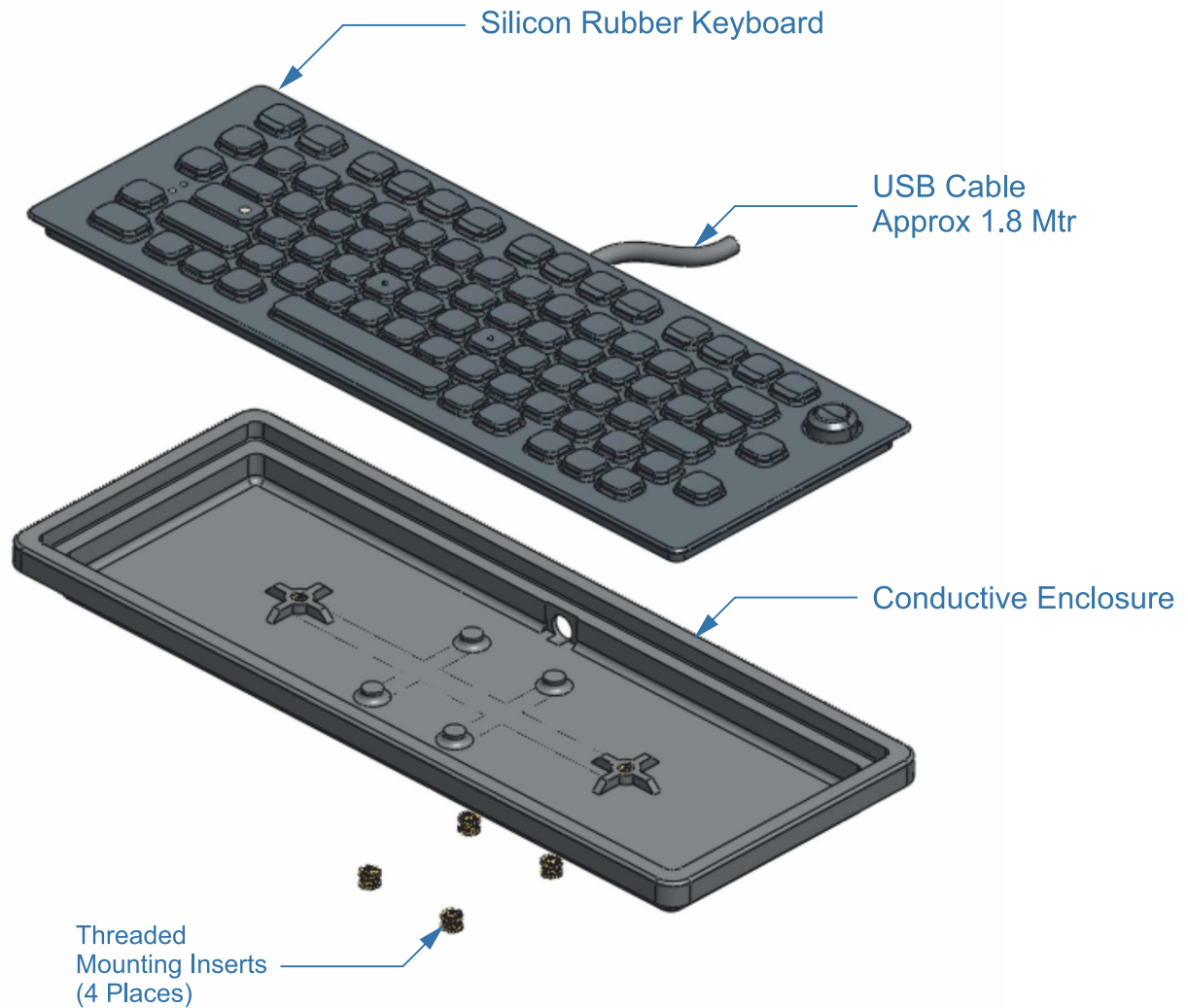


Note:-

Keetronics has ensured that the design meets the required specifications; however, it is the customer's responsibility to assemble the product with the appropriate bezel and conduct testing as part of the complete unit to verify compliance and functionality.

TECHNICAL DATASHEET

EXPLODED VIEW



Note:-

Keetronics has ensured that the design meets the required specifications; however, it is the customer's responsibility to assemble the product with the appropriate bezel and conduct testing as part of the complete unit to verify compliance and functionality.