

## PMU-5K-TB

### Panel Mount Keyboard with Trackball

iKey®'s rugged panel mount keyboards allow for easy integration into workstations or other industrial environments. The PMU-5K-TB features a 25-mm trackball with left, middle and right-click buttons above it and a 10-key numeric keypad to provide dual functionality in one compact unit. Its 24 function keys provide user versatility. This keyboard also offers user Windows keys for ease of access to the operating system.

#### Features:

10-Key Numeric Pad

24 Function Keys

ABS Poly-carbonate Frame with 4-40 Mounting Studs

Integrated Trackball

MS Windows™ Function Keys

USB and PS/2 configurations available

Optional NVIS Compliant – Green B backlighting



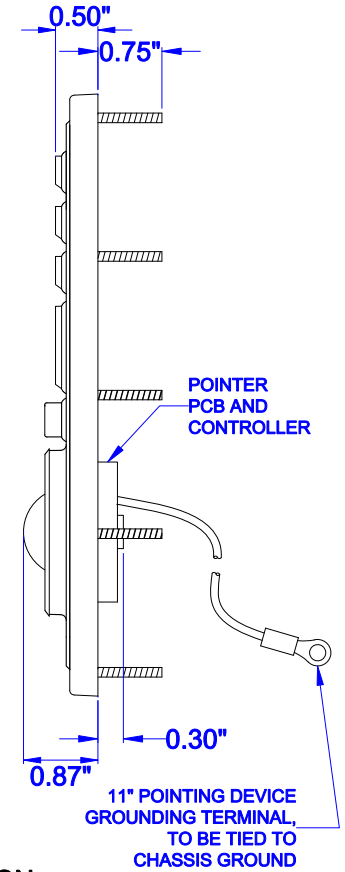
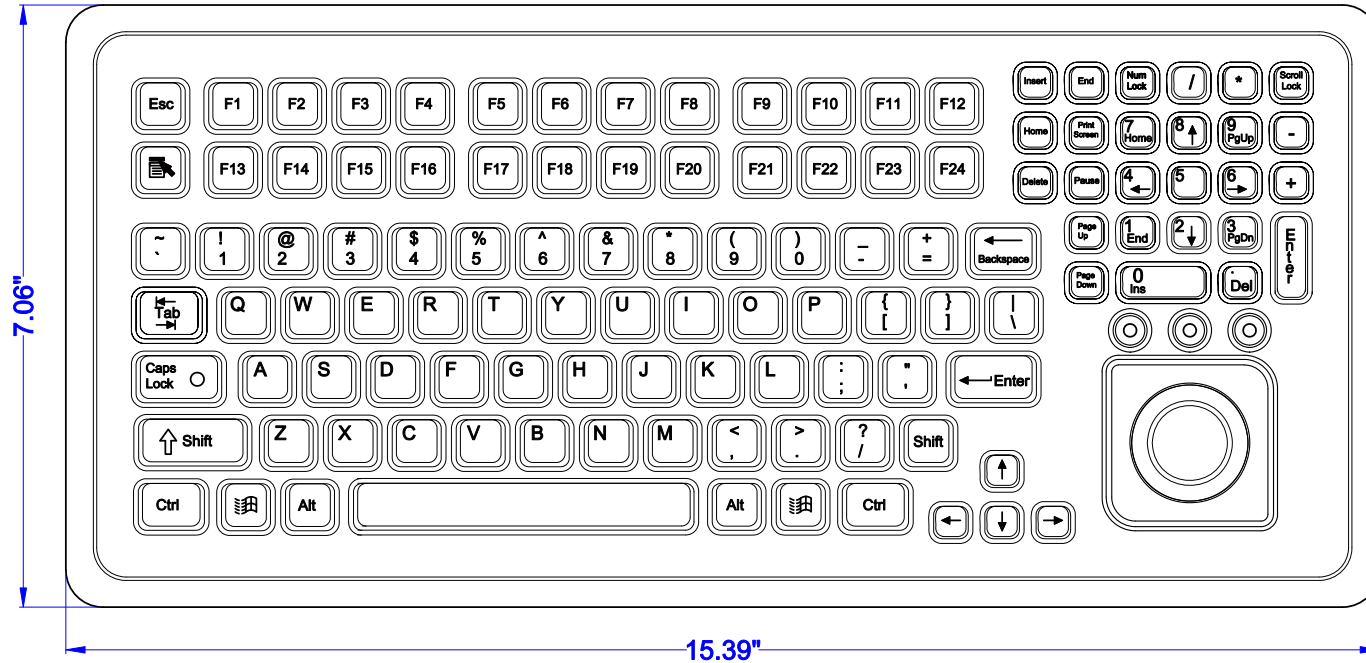
## Product Code PMU-5K-TB

CERTIFICATIONS	NEMA 4X UL60950
SHOCK	3x11 ms pulses of 50g on each of 3 axes
CABLE	LENGTH: 10 feet (3 meters) DESIGN: "Y" PS/2 (providing separate keyboard and mouse connections)
KEY SWITCH	MATERIAL: Industrial Silicone Rubber LIFE: Greater than 10 Million Cycles TRAVEL: 0.055 in. (1.4mm) ACTUATION FORCE: 6.35 oz. +/- 1.06 oz. (180g +/- 30g) FEEDBACK: Tactile with Mechanical Snap
VIBRATION	POWER SPECTRAL DENSITY: 0.04g/Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION OF TEST PER AXIS: 3 hours
POWER	PS2: KEYBOARD: 50mA@5V (from Keyboard port) POINTER: 20mA@5V (from Mouse port) USB: 70mA@5V (from CPU port)
COMPATIBILITY	PS/2 KEYBOARD/TRACKBALL: All Windows Operating Systems
TEMPERATURE RANGE	STORAGE: -40C to +85C (-40F to +185F) OPERATING: 0C to +65C (+32F to 149F)
WEIGHT	2.00 lbs +/- 0.10 lbs (0.91 kg +/- 0.05 kg)
WARRANTY	1 year limited warranty
HUMIDITY	100% (when properly installed)
DIMENSIONS	15.39" x 7.06" x 0.50" (w-h-d) 390.9mm x 179.3mm x 12.7mm SCREWS: 0.75" (19.1mm) CUTPIT: 13.52" x 5.18" (w-h) 343.4mm x 131.6mm
MODEL NUMBERS	PMU-5K-TB-PS2: With PS/2 cable PMU-5K-TB-USB: With USB cable



# PMU-5K-TB

DATE	CHANGES	INTL	REV
04.09.09	Original	JB	1.00



## KEY SWITCH

**MATERIAL:** Industrial Silicone Rubber  
**LIFE:** Greater Than 10 Million Cycles  
**TRAVEL:** 0.055 in.  
**ACTUATION FORCE:** 6.35 oz. +/- 1.06oz (180g +/- 30g)  
**FEEDBACK:** Tactile with Mechanical Snap

## POWER

**PS2:**  
**KEYBOARD:** 50mA@5V (from Keyboard port)  
**POINTER:** 20mA@5V (from Mouse port)  
**USB:** 70mA@5V (from CPU port)

## TEMPERATURE RANGE

**STORAGE:** -40°F to +185°F (-40°C to +85°C)  
**OPERATING:** +32°F to +149°F (0°C to +65°C)

## HUMIDITY

100% Humidity Resistant

## VIBRATION

**POWER SPECTRAL DENSITY:** .04g<sup>2</sup>/HZ  
**FREQUENCY RANGE:** 20Hz-2Khz  
**DURATION OF TEST PER AXIS:** 3 hours

## SHOCK

3 X 11 ms pulses of 50g on each of 3 axis

## WEIGHT

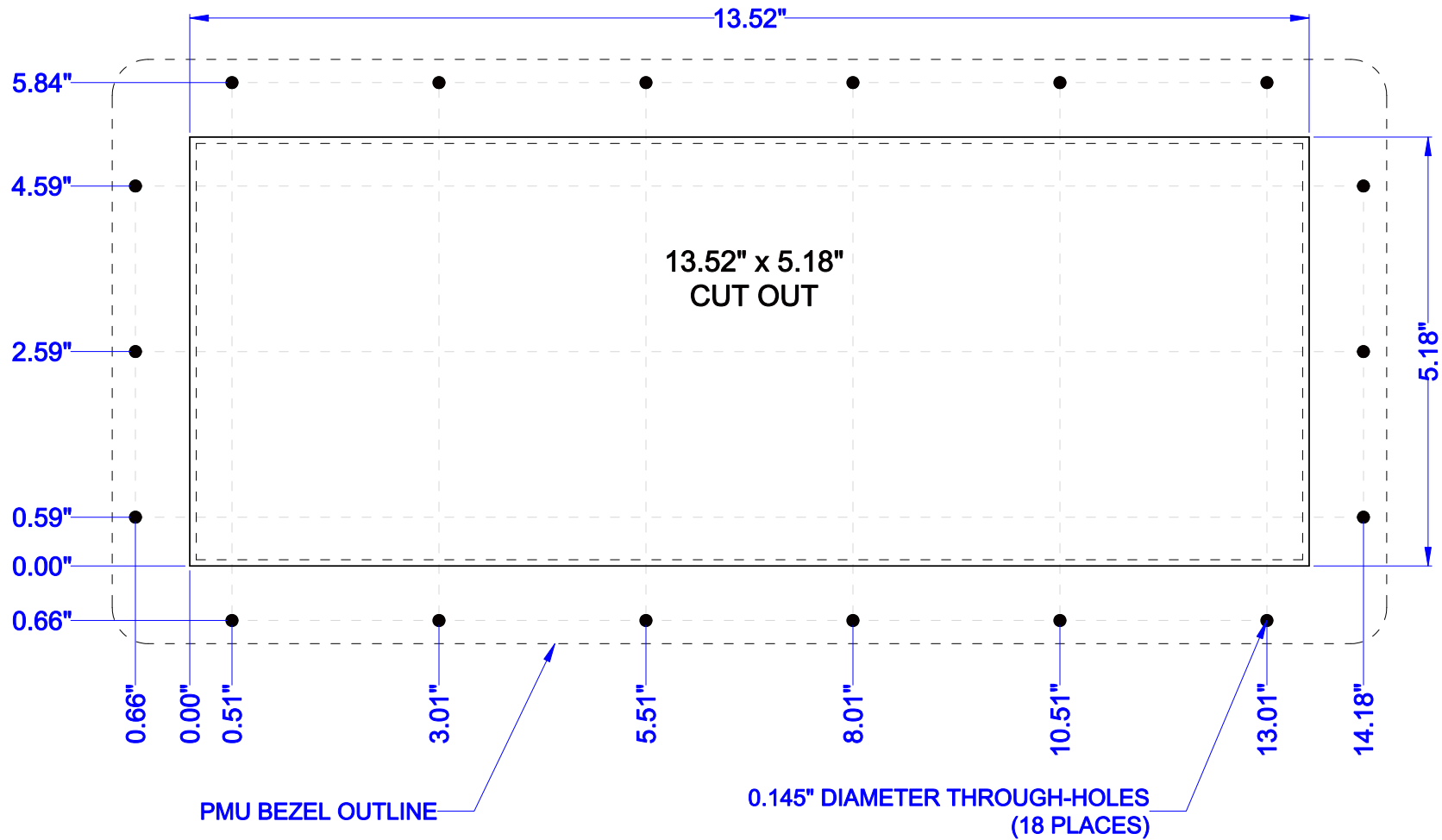
2.00 lbs +/- 0.10 lbs (0.91 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2.25

Part Number: PMU-5K-TB	Drawing Number: MKT0188	Sheet: 1 OF 2
Drawing Title: PMU-5K-TB-MKT	Revision: 1.00	Date: 04.09.09   JWB

# PMU-5K-TB MOUNTING



PMU BEZEL: ABS/Polycarbonate with 4-40 x 0.75" Metal Studs (18 Places)

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2

	Part Number: PMU-5K-TB	Drawing Number: MKT0188	Sheet: 2 OF 2	
	Drawing Title: PMU-5K-TB-MKT	Revision: 1.00	Date: 04.09.09	JWB