

DT-102-SS-IS

Intrinsically Safe Stainless Steel Keyboard with Touchpad

iKey manufactures devices to reduce risk of failure in your hazardous areas featuring a touchpad keyboard, rugged strength of stainless steel and intrinsically safe certifications to create the DT-102-SS-IS industrial keyboard. It has a Factory Mutual approval for Class I, II and III, Division I, Groups C, D, E, F and G. It includes optical isolated barriers and bulkhead cables for complete protection in hazardous locations. Stainless steel is known for its longevity, corrosion resistance and ability to retain strength in extreme temperatures. It's also low-maintenance and easy to clean. Each of these characteristics make stainless steel an excellent material for keyboards used in industrial and food processing applications. The durable DT-102-SS-IS is completely sealed and designed to meet NEMA 4X and IP66 specifications.

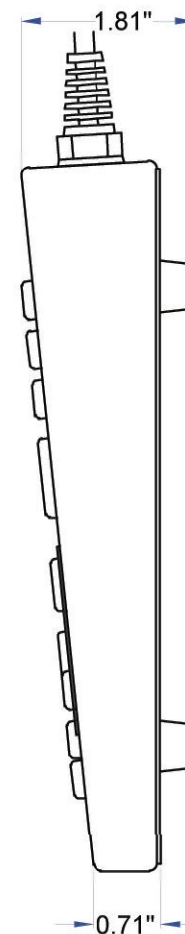
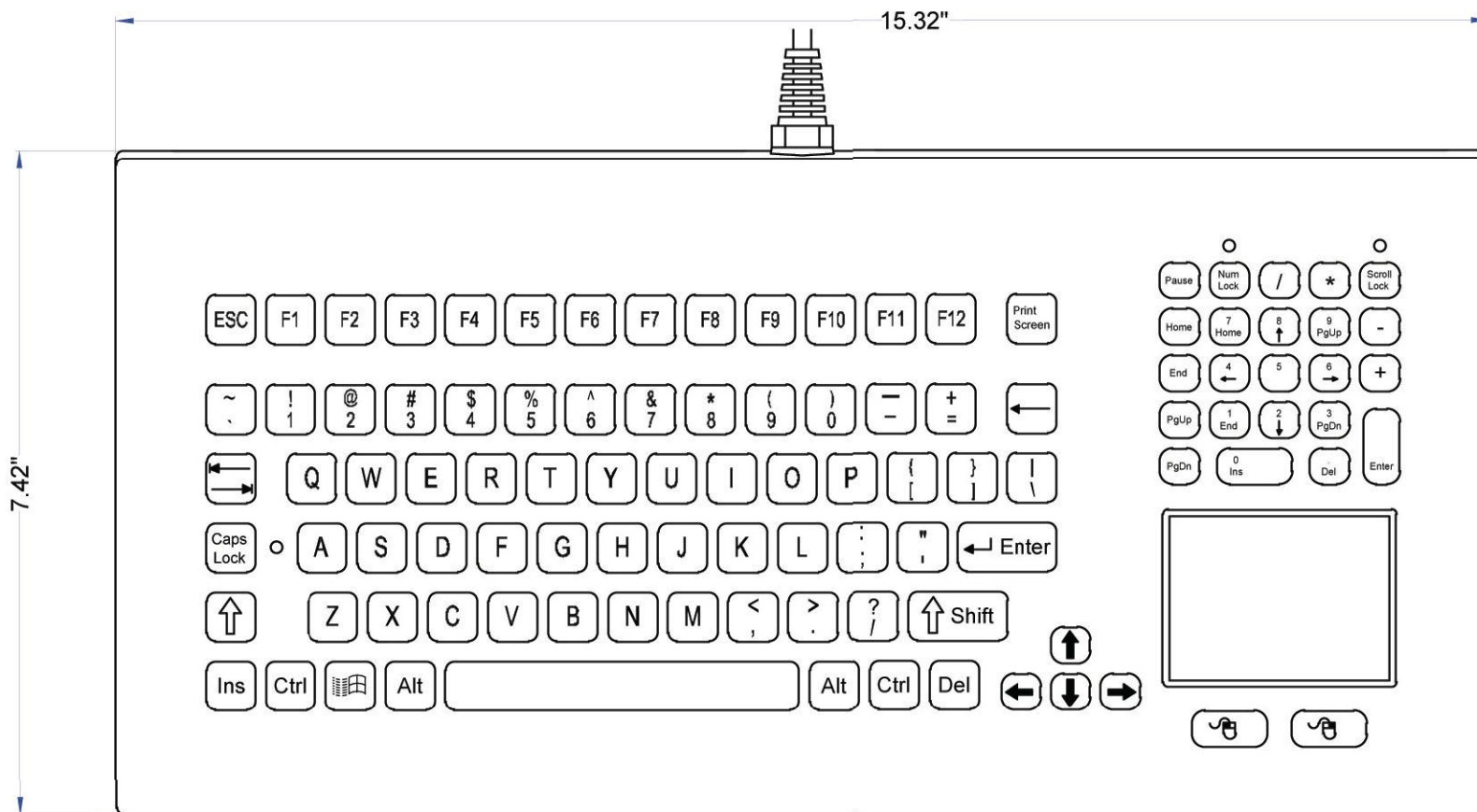


Technical Specifications

Certifications	NEMA 4X, IP66
Shock	3 x 11 ms pulses of 50g on each of 3 axes
Key Switch	MATERIAL: Brushed Stainless Steel LIFE: Greater than 10 Million Cycles TRAVEL: 0.079 in. (2.01 mm) ACTUATION FORCE: 4.23 oz. +/- 0.18 oz (120 g +/- 5 g)
Vibration	POWER SPECTRAL DENSITY: .04g/HZ FREQUENCY OF RANGE: 20Hz-2Khz DURATION OF TEST PER AXIS: 3 hours
Power	PS/2: KEYBOARD: 50mA@5V (from Keyboard port) TOUCHPAD: 10mA@5V (from Mouse port) USB: 60mA@5v (from CPU port)
Compatability	PS/2 KEYBOARD/TOUCHPAD: All Windows Operating Systems USB KEYBOARD/TOUCHPAD: All Windows and Macintosh OS
Temperature Range	STORAGE: -40C to +65C (-40F to +149F) OPERATING: -20C to +60C (-4F to +140F)
Weight	5.50 lbs +/- 0.10 lbs (2.49 kg +/- 0.5 kg)
Warranty	1 year limited warranty
Humidity	100% Humidity Resistant
Dimensions	15.32" x 1.81" x 7.42" (L x D x W) 38.9128 cm x 4.5974 cm x 18.8468 cm
Model Numbers	DT-102-SS-PS2: With PS/2 Cable DT-102-SS-USB: With USB Cable

DT-102-SS

DATE	CHANGES	INTL	REV
09.30.09	Original	JB	1.0
11.12.10	Updated operating temperature	JMW	1.1
11.30.11	Updated Case Dimensions	TWH	1.2



KEY SWITCH

MATERIAL: Brushed Stainless Steel
LIFE: Greater Than 10 Million Cycles
TRAVEL: 0.079 in.
ACTUATION FORCE: 4.23 oz. +/- 0.18oz (120g +/- 5g)
FEEDBACK: Tactile with Mechanical Snap

TEMPERATURE RANGE

STORAGE: -40°F to +149°F (-40°C to +65°C)
OPERATING: -4°F to +140°F (-20°C to +60°C)

VIBRATION

POWER SPECTRAL DENSITY: .04g²/HZ
FREQUENCY RANGE: 20Hz-2Khz
DURATION OF TEST PER AXIS: 3 hours

POWER

PS2:
KEYBOARD: 50mA@5V (from Keyboard port)
POINTER: 10mA@5V (from Mouse port)
USB: 60mA@5V (from CPU port)

HUMIDITY

100% Humidity Resistant

SHOCK

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

WEIGHT

5.50 lbs +/- 0.10 lbs (2.49 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2

Part Number: DT-102-SS

Drawing Number: MKT0219

Sheet: 1 OF 2

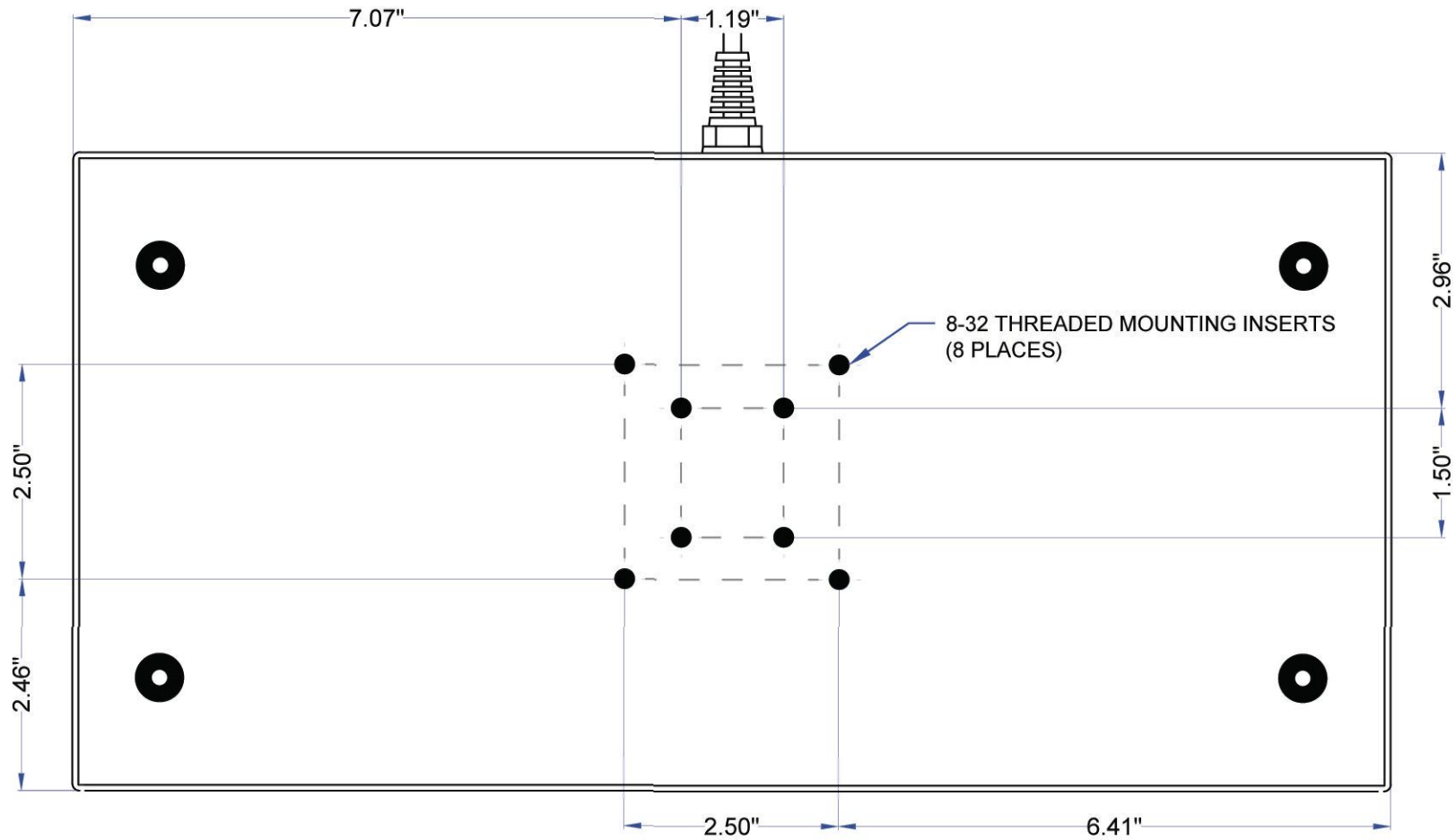
Drawing Title: DT-102-SS-MKT

Revision: 1.2

Date: 11.30.11

TWH

DT-102-SS BACK / MOUNTING



PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2

Part Number: DT-102-SS	Drawing Number: MKT0219	Sheet: 2 OF 2	
Drawing Title: DT-102-SS-MKT	Revision: 1.2	Date: 11.30.11	TWH



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