SLP-91

Panel Mount Keyboard with Epoxy Keycaps

iKey's innovative SLP-91 panel mount keyboard was designed to accommodate rugged applications in manufacturing, material handling and data entry. Its unique epoxy-coated keys are arranged for convenient gloved-hand use. It features a small-footprint design, backlit keys and a 10-key numeric pad. Like other keyboards in the iKey line, the SLP-91 is constructed with an industrial silicone k eypad, sealing it from dust, liquids and corrosives.

Technical Specifications

Certifications	NEMA 4X UL60950, FCC Part 15 Class B
Shock	3x11 ms pulses of 50g on each of 3 axes
Cable	LENGTH: 4 ft coiled (1.2m) DESIGN: PS/2 or USB Cable
Key Switch	MATERIAL: Epoxy-Coated Industrial Silicone Rubber LIFE: Greater than 10 Million Cycles TRAVEL: 0.055 in. (1.4mm) ACTUATION FORCE: 7.03 oz. +/- 0.70 oz. (200g +/- 20g) 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	PS/2: KEYBOARD: 200mA@5V (from Keyboard port) USB: 200mA@5V (from CPU port)
Compatability	PS/2 KEYBOARD: All Windows Operating Systems USB KEYBOARD: All Windows and Macintosh OS
Temperature Range	STORAGE: -40C to +90C (-40F to +194F) OPERATING: -40C to +70C (-40F to +158F)
Weight	1.75 lbs (0.80 kg)
Warranty	1 year limited warranty
Humidity	100%
Dimensions	11.80" x 6.79" x 0.70" (w-h-d) 299.7mm x 172.5mm x 17.8mm SCREWS: 0.75" (19.1mm) CUTOUT: 10.40" x 5.40" (w-h) 264.2mm x 137.2mm
Model Numbers	

Features and Benefits

- 24 Function Keys
- Integrated Backlighting

- Integrated 10-Key Numeric Pad
- USB and PS/2 configurations available

SLP-91

11.80"

0.05" (Approx)

6.79"

4-40 THREADED MOUNTING STUDS (16 PLACES)

0.70" 0.75"

KEY SWITCH

MATERIAL: Epoxy Coated Industrial Silicone Rubber
FACEPLATE MATERIAL: ABS/Polycarbonate
LIFE: Greater Than 10 Million Cycles
TRAVEL: 0.055 in.
ACTUATION FORCE: 7.03 oz. +/- 0.70 oz (200g +/- 20g)
FEEDBACK: Tactile with Mechanical Snap

POWER

PS2: KEYBOARD: 200mA@5V (from Keyboard port)
USB: 200mA@5V (from CPU port)

TEMPERATURE RANGE

STORAGE: -40°F to +194°F (-40°C to +90°C)
OPERATING: -40°F to +158°F (-40°C to +70°C)

HUMIDITY

100% Humidity Resistant

VIBRATION

POWER SPECTRAL DENSITY: .04g/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

1.75 lbs +/- 0.10 lbs (0.80 kg +/- 0.05 kg)

SCALE: 1:2

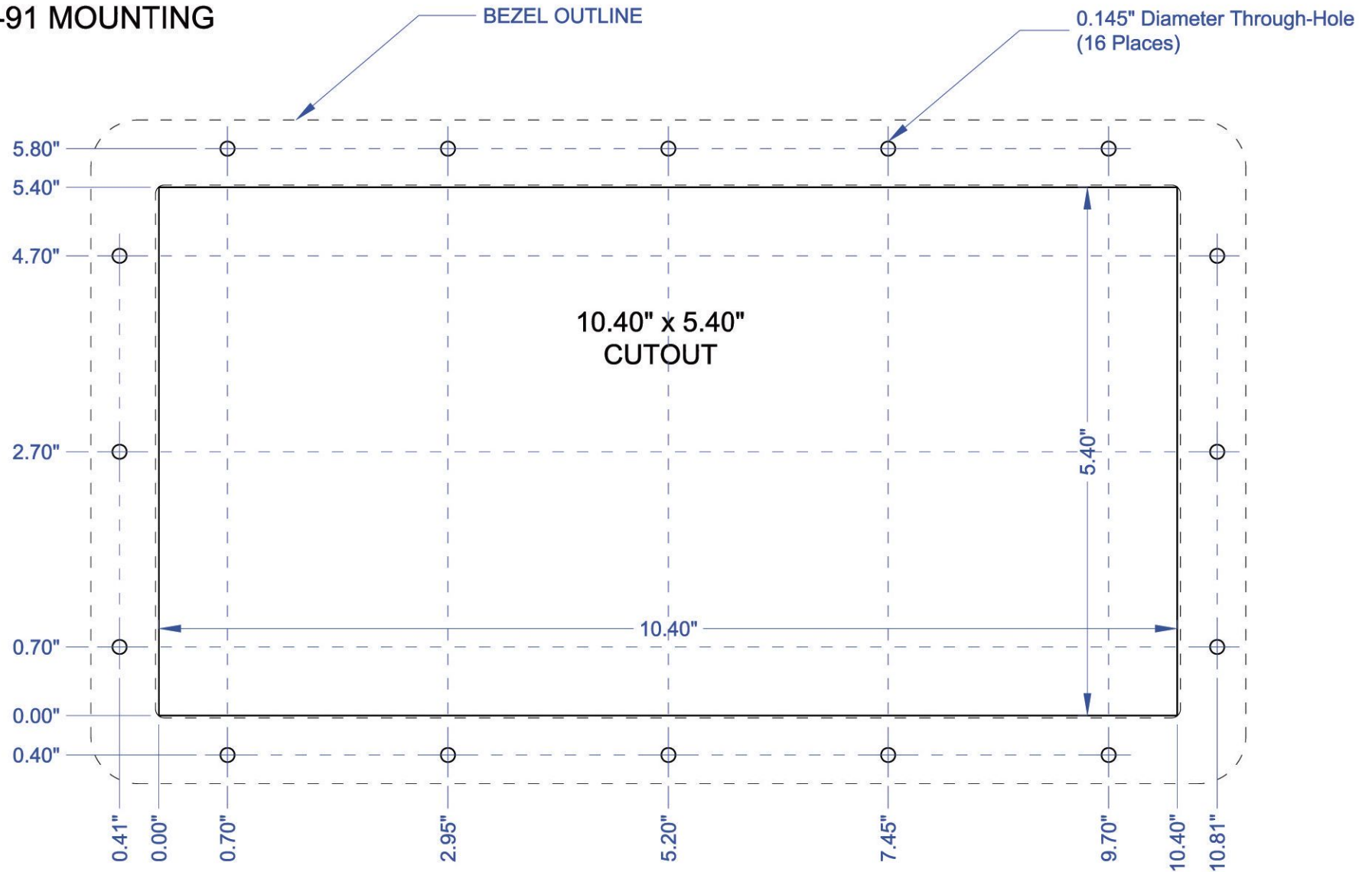| Part Number: SLP-91	Drawing Number: MKT0123	Sheet: 1 OF 2	
Drawing Title: SLP-91-MKT	Revision: 1.00	Date: 07.15.08	JWB

SLP-91 MOUNTING

BEZEL OUTLINE

0.145" Diameter Through-Hole
(16 Places)

5.80"
5.40"
4.70"

10.40" x 5.40"
CUTOUT

5.40"

2.70"

10.40"

0.70"
0.00"
0.40"

0.41" 0.00" 0.70" 2.95" 5.20" 7.45" 9.70" 10.40" 10.81"

PM BEZEL: ABS/Polycarbonate

SCALE: 1:1.5

Part Number: SLP-91	Drawing Number: MKT0123	Sheet: 2 OF 2	
Drawing Title: SLP-91-MKT	Revision: 1.00	Date: 07.15.08	JWB