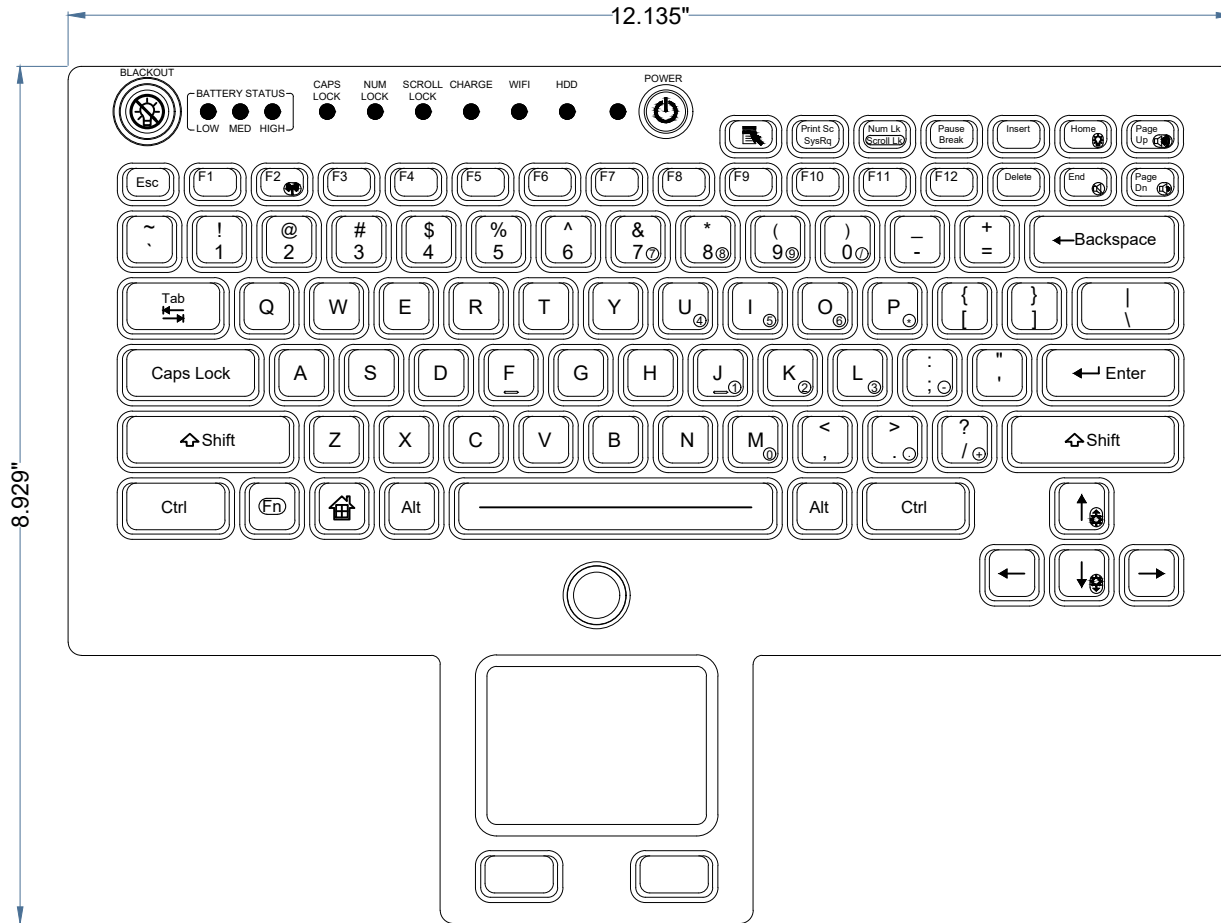


TMLT-890-TP-OEM-USB/PS2

DATE	CHANGES	INTL	REV
12.06.12	Updated Pinout Guide	TWH	1.1
01.03.18	Added missing mounting dimensions	ALH	1.2
04.28.21	Changed title	SDS	1.3



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(TOUCHPAD): 3mA@5V
 USB: 42mA@5V

TEMPERATURE RANGE

STORAGE: -59.8°F to +159.8°F (-51°C to +71°C)
 OPERATING: -40°F to +140°F (-40 to +60°C)

HUMIDITY

100% Humidity Resistant

VIBRATION

POWER SPECTRAL DENSITY: .04g²/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

1.40 lbs +/- 0.10 lbs (0.63 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2



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Part Number: TMLT-890-TP-OEM-MKT

Drawing Title: TMLT-890-TP-OEM-USB/PS2

Drawing Number: MKT0335

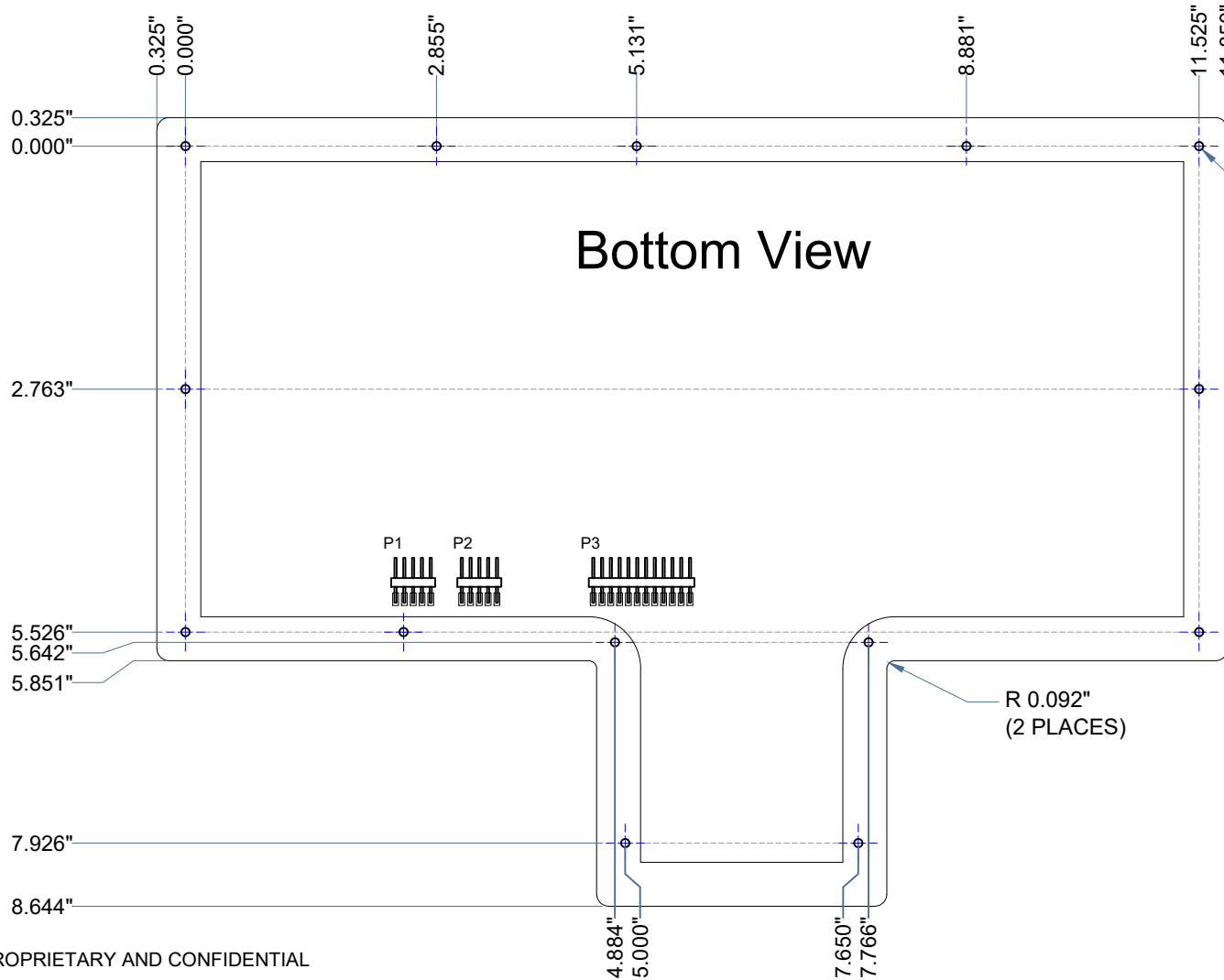
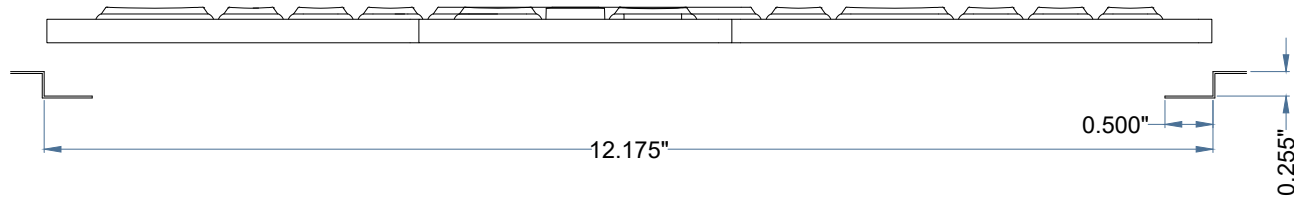
Revision: 1.3

Sheet: 1 OF 2

Date: 04.28.21

SDS

TMLT-890-TP-OEM-USB/PS2 MOUNTING



Bottom View

R 0.138"
(6 PLACES)

ENCLOSURE: 3/32" THRU-HOLE
KEYBOARD: 2-56 THREADED
INSERTS INSTALLED MAX 1/4" DEPTH
(14 Places)

R 0.092"
(2 PLACES)

PINOUT GUIDE

	Signals
P1	1 5V
Samtec TSM-105-01-L-SH-K-TR	2 CLK
Touchpad	3 Chassis GND
PS/2	4 DATA
	5 GND
P2	1 5V
Samtec TSM-105-01-L-SH-K-TR	2 D+
Keyboard + FSR	3 Chassis GND
USB	4 D-
	5 GND
P3	1 +3V3
Samtec TSM-112-01-L-SH-K-TR	2 HDD LED
Status LEDs	3 BATT LED LO
	4 BATT LED MID
	5 BATT LED HI
	6 CHARGE LED
	7 WIFI LED
	8 PWR LED
	9 STBY LED
	10 BLACKOUT OUT
	11 POWER BTN
	12 GND

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2