

DESCRIPTION

The TOA Wireless Tuner Module WTU-4800 is a PLL-synthesizer controlled double superheterodyne diversity tuner module designed to be used in conjunction with UHF wireless equipment. It employs a compressor-expander system noise reduction circuit to minimize the influence of ambient RF noise.

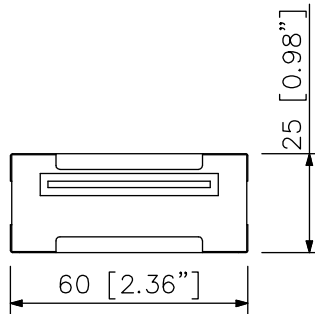
SPECIFICATIONS

(*1) 0 dB = 1 V

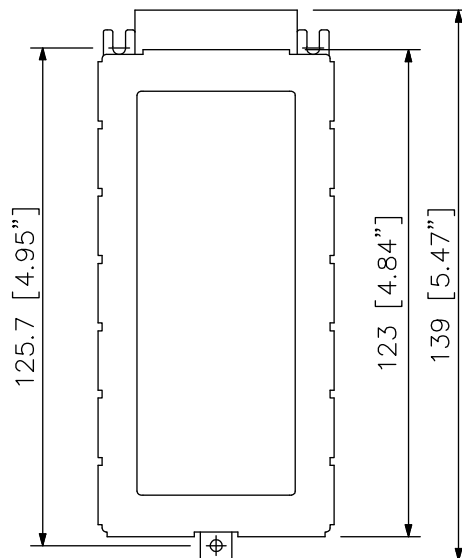
Power Requirement	7 - 12 V DC
Current Consumption	100 mA
Receiving Frequency	506 - 606 MHz(*2), UHF
Receiving System	Double super-heterodyne
Receiving Sensitivity	80 dB or more, Signal to Noise Ratio (20 dB μ V input, 40 kHz deviation)
Antenna Input Impedance	75 Ω
Diversity System	Space diversity
Channel Selectable	16 channels
Squelch System	Noise SQ
Squelch Sensitivity	17 dB μ V
Output	0 dB (*1) (maximum deviation, 2.2 k Ω load)
Harmonic Distortion	1% or less
Frequency Response	100 Hz - 12 kHz, \pm 3 dB
Operating Temperature	-10 $^{\circ}$ C to +50 $^{\circ}$ C (14 $^{\circ}$ F to 122 $^{\circ}$ F)
Operating Humidity	30 % to 85 %RH (no condensation)
Finish	Surface-treated steel plate
Dimensions	60 (W) \times 25 (H) \times 139 (D) mm (2.36" \times 0.98" \times 5.47")
Weight	130 g (0.29 lb)
Accessory	Driver for channel changing.....1

APPEARANCE

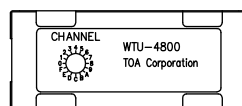
Rear View



Top View



Front View



Side View

(*2)

Type	Frequency Range
H01	576 - 606 MHz UHF
M1	506 - 538 MHz, UHF

UNIT:mm SCALE:1/2