

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.

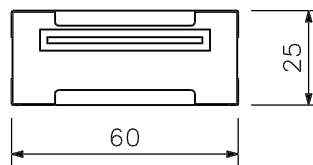
SPECIFICATIONS

* 0 dB = 1 V

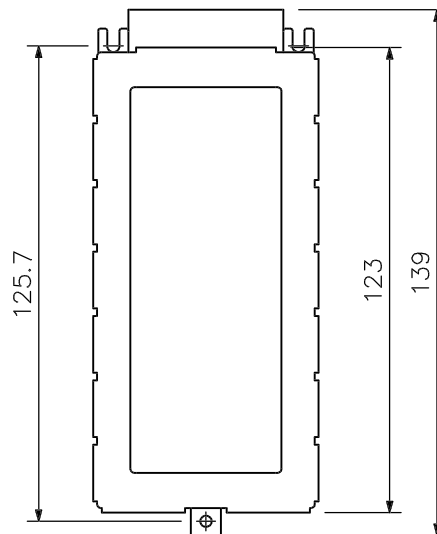
Power Requirement	7 - 12 V DC
Current Consumption	100 mA
Receiving Frequency	794 - 865 MHz, UHF
Receiving System	Double super-heterodyne
Receiving Sensitivity	Better than 80 dB, S/N ratio (20 dB μ V input, 40 kHz deviation)
Antenna Input Impedance	75 Ω
Diversity System	Space diversity
Channel Selectable	16 ch
Squelch System	Noise SQ
Squelch Sensitivity	18 dB μ V
Output	0 dB* (maximum deviation, 2.2 k Ω load)
Harmonic Distortion	Less than 1%
Frequency Response	100 - 12,000 Hz, \pm 3dB
Operating Temperature	-10 $^{\circ}$ C to +50 $^{\circ}$ C
Finish	Steel
Dimensions	60 (W) \times 25 (H) \times 139 (D) mm
Weight	130 g
Accessory	Driver for channel changing.....1

APPEARANCE

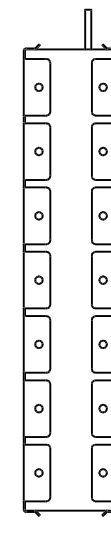
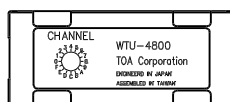
Rear View



Top View



Front View



Side View

UNIT:mm SCALE:1/2