TOA

WIRELESS TUNER UNIT

WTU-4800

■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

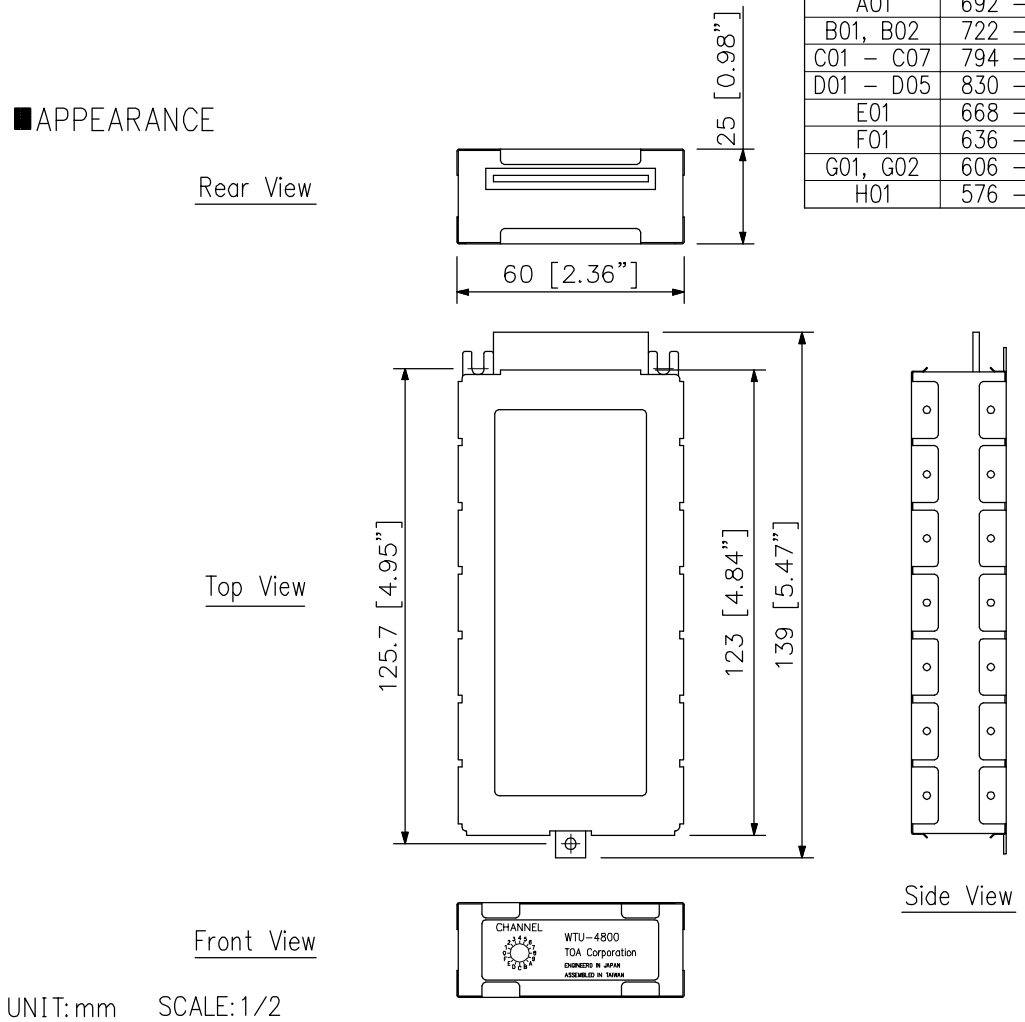
(*1) 0 dB = 1 V

Power Requirement	7 – 12 V DC
Current Consumption	100 mA
Receiving Frequency	576 – 865 MHz (*2), UHF
Receiving System	Double super-heterodyne
Receiving Sensitivity	80 dB or more, Signal to Noise Ratio (20 dBμV input, 40 kHz deviation)
Antenna Input Impedance	75 Ω
Diversity System	Space diversity
Channel Selectable	16 channels
Squelch System	Noise SQ
Squelch Sensitivity	17 dBμV
Output	0 dB (*1) (maximum deviation, 2.2 kΩ load)
Harmonic Distortion	1% or less
Frequency Response	100 Hz – 12 kHz, ±3 dB
Operating Temperature	−10 °C to +50 °C (14 F° to 122 F°)
Operating Humidity	30 % to 85 %RH (no condensation)
Finish	Surface-treated steel plate
Dimensions	60 (W) × 25 (H) × 139 (D) mm (2.36" × 0.98" × 5.47")
Weight	130 g (0.29 lb)
Accessory	Driver for channel changing……1

(*2)

Type	Receiving Frequency
A01	692 – 722 MHz, UHF
B01, B02	722 – 752 MHz, UHF
C01 – C07	794 – 830 MHz, UHF
D01 – D05	830 – 865 MHz, UHF
E01	668 – 698 MHz, UHF
F01	636 – 666 MHz, UHF
G01, G02	606 – 636 MHz, UHF
H01	576 – 606 MHz, UHF

■APPEARANCE



UNIT: mm SCALE: 1/2