

Compact (25cc) Tuner for TV, VCR

UVE25-AW60D

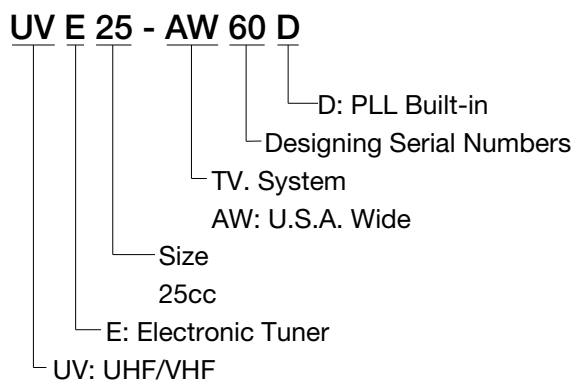
TV/VCR Tuners

FEATURES

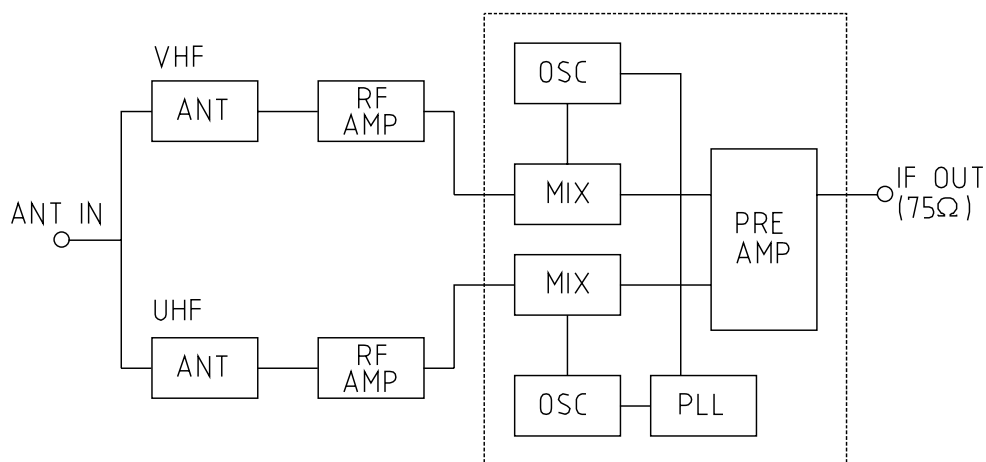
1. A small shape of industrial standard type.
2. With PLL IC (I²C bus).
3. Power source voltage +B=5V.
4. IF output corresponds to an unbalanced output.
5. Used one IC (MIX+OSC+PLL).



MODEL NAME CODE



BLOCK DIAGRAM



SPECIFICATIONS

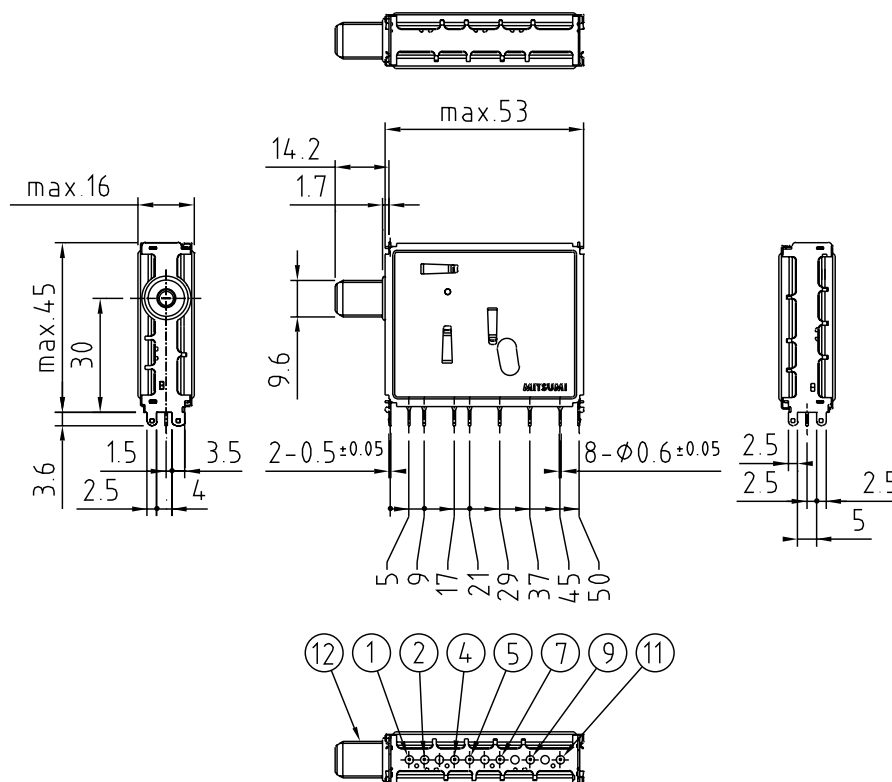
Item	Specifications	Unit
	UVE25-AW60D	
Input Frequency Range	54~806	MHz
Output Frequency	45.75	MHz
Input Impedance	75	Ω
Supply Voltage	5	V
V.S.W.R.	VHF : 7 max., UHF : 7 max.	—
Noise Figure	VHF : 10 max., UHF : 10 max.	dB
Voltage Gain	VHF : 27 min., UHF : 29 min.	dB
Cross Modulation	VHF : 65min., UHF : 65 min.	dB
Tuning Curve	VL : 1.7~21.5, VH : 1.1~23.5, UHF : 1.4~26.0	V
Image Rejection	VHF : 50 min., UHF : 45 min.	dB
Gain Reduction	VHF : 35 min., UHF : 33 min.	dB
+B Drift	VHF : ± 70 , UHF : ± 70	kHz

*Note Specifications subject to change without notice.

ADDITIONAL VARIETY IN UVE25 SERIES

Model	Band	Receiving Channel	IF (MHz)	Standard Voltage	Certification
UVE25-AW60D	U.S.A.	VL (2~Bch), VH (C~W+11ch) UHF (W+12~69ch)	45.75	+B=5.0V, AGC=4V	FCC, UL

DIMENSIONS



Terminals	
1.	AGC
2.	VT
3.	—
4.	SCL
5.	SDA
6.	—
7.	BP
8.	—
9.	BT
10.	—
11.	IF
12.	VHF-UHF IN

Unit : mm
General Tolerance : $\pm 0.5\text{mm}$