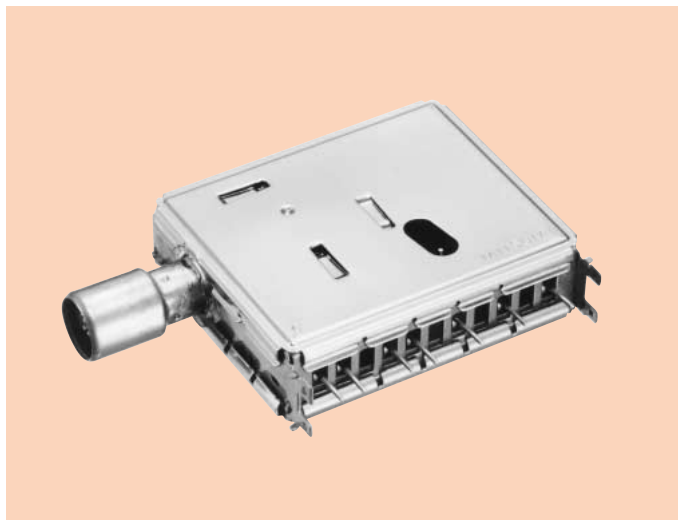


Compact (25cc) Tuners for TV, VCR UVE25-EW65D, UE25-B59D

TV/VCR Tuners, RF Modulators

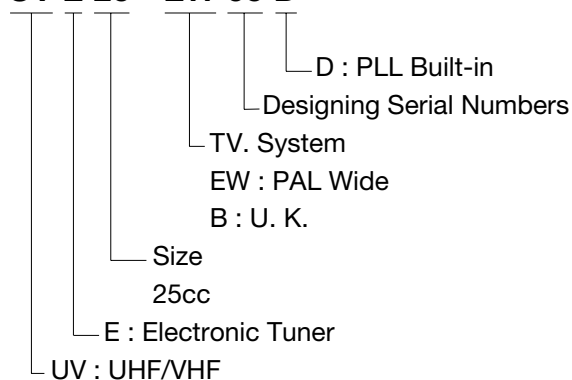
FEATURES

1. A small shape of world wide 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 (MUX+OSC+PLL).

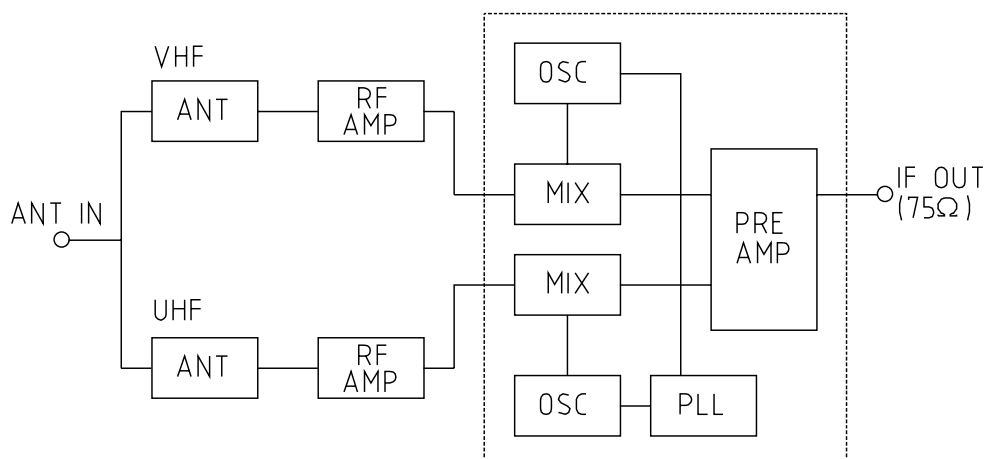


MODEL NAME CODE

UV E 25 - EW 65 D



BLOCK DIAGRAM



SPECIFICATIONS

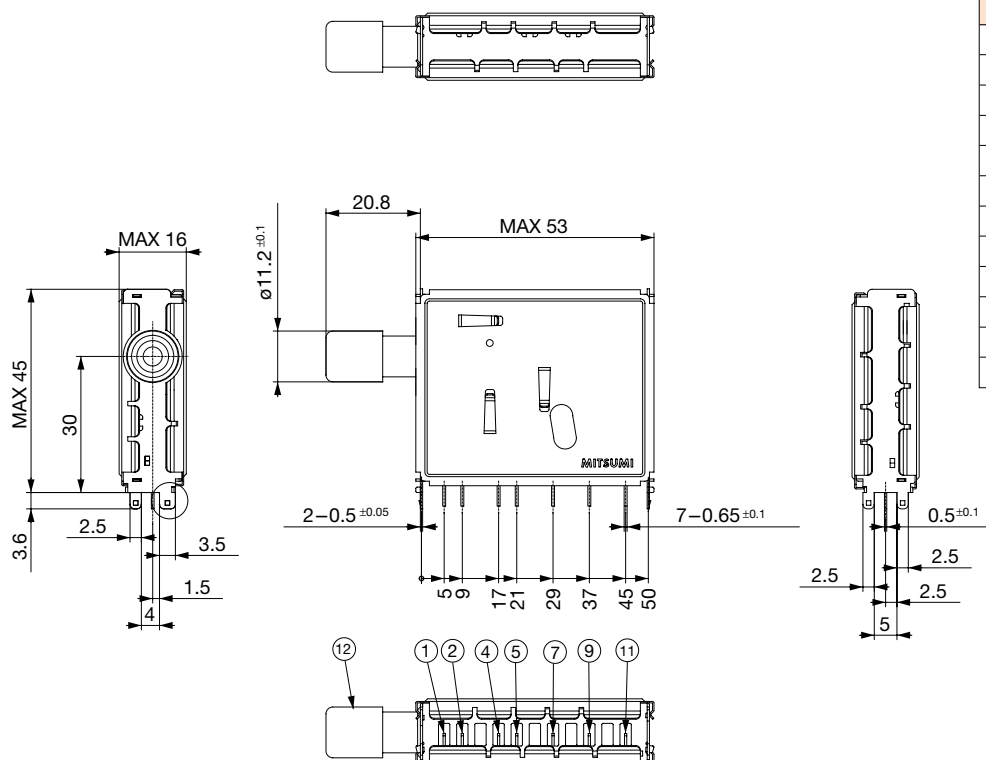
Item	Specifications	Unit
	UVE25-EW65D	
Input Frequency Range	45.25~855.25	MHz
Output Frequency	38.9	MHz
Input Impedance	75	Ω
Supply Voltage	5	V
V.S.W.R.	VHF : 6, UHF : 6 max.	—
Noise Figure	VHF : 10 max., UHF : 10 max.	dB
Power Gain	VHF : 28 min., UHF : 27 min.	dB
Cross Modulation	VHF : 75, UHF : 75 min.	dB
Tuning Curve	VHF : 1.5~25, UHF : 1~24	V
Image Rejection	VHF : 50, UHF : 45 min.	dB
Gain Reduction	VHF : 45, UHF : 33 min.	dB
+B Drift	VHF : ± 70 , UHF : ± 70 max.	kHz

*Note Specifications subject to change without notice.

ADDITIONAL VARIETY IN UVE25 SERIES

Model	Band	Receiving Channel	IF(MHz)	Standard Voltage
UVE25-EW65D	HYPER	VHF(N1~S6, S7~S36ch) UHF(S37~69ch)	38.9	+B=5.0V, AGC=4V
UE25-B59D	UK	UHF(21~69ch)	39.5	+B=5.0V, AGC=4V

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 : ± 0.5 mm