

# DATASHEET

## SPECIFICATIONS:

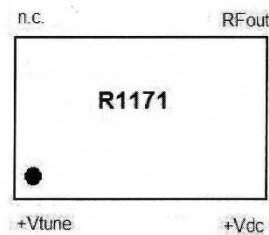
- **Frequency range:** 1100 - 1320 MHz @ 0 - 6V tuning voltage
- **Output level:** 2.4 - 5.6mW @ 4 - 6V power supply
- **Tuning sensitivity:** 20 - 35 MHz/V
- **Modulation:** to apply to the tuning pin
- **Power supply:** 4 - 6V, 12 - 21mA
- **Dimensions (W x L x H):** 6 x 8.3 x 2 mm
- **Package:** SMD



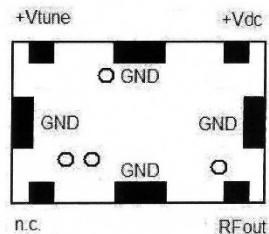
Output level Vs. power supply					
Power supply		Tuning voltage (V)	RF output		Frequency (MHz)
V	mA		mW	dBm	
4	12	4		+3.9	1290
5	16	4		+5.6	1290
6	21	4		+6.1	1290

Typical frequency Vs. tuning voltage		
(5V power supply)		
Tuning voltage (V)	Frequency (MHz)	Output level (dBm)
0	1087	+6.6
1	1146	+6.6
2	1206	+6.2
3	1250	+6
4	1290	+5.8
5	1316	+5.6
6	1332	+5.4
7	1341	+5.3
8	1344	+5.4

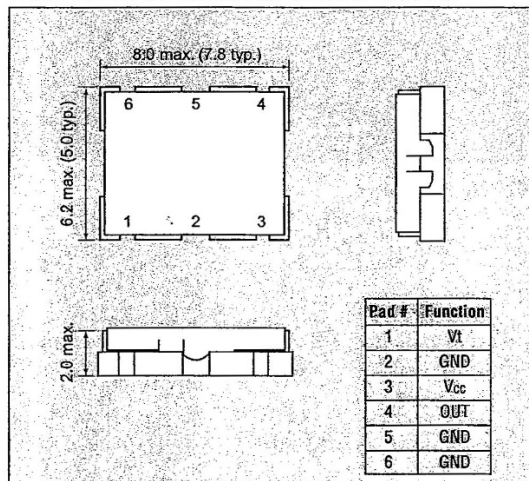
### Top view



### Bottom view



### DIMENSIONS and PAD CONNECTION



### RECOMMENDED LAND PATTERN

