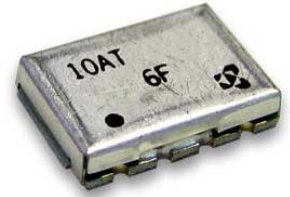


## SPECIFICATIONS:

- **Frequency range:** 475 - 510 MHz @ 0.5 - 5V tuning voltage
- **Output level:** 1 - 3mW @ 4 - 8V power supply
- **Tuning voltage:** 6 MHz / V
- **Modulation:** to apply to the modulation pin
- **Modulation sensitivity:** 50-100 KHz / V
- **Power supply:** 4 - 9V, 5.5 - 18mA
- **Dimensions (W x L x H):** 10 x 15 x 3 mm
- **Package:** SMD



**Output level Vs. power supply**

Power supply V	Tuning voltage mA	Tuning voltage (V)	RF output		Frequency (MHz)
			mW	dBm	
4	5.5	0.5		-1.5	475
	5.5	7.5		-1.5	516
5	8	0.5		+1.3	475
	8	7.5		+1.3	516
6	11	0.5		+3	475
	11	7.5		+3	516
7	13	0.5		+4.1	474
	13	7.5		+4.2	516
8	16	0.5		+5	474
	16	7.5		+5	516
9	18	0.5		+5.6	473
	18	7.5		+5.6	516

**Typical frequency Vs. tuning voltage**

(6V power supply)

Tuning voltage (V)	Frequency (MHz)
0	469
0.5	475
1.5	485
2.5	494
3.5	503
4.5	509
5.5	513
6.5	515
7.5	516

**Top view**

+Vtune    MODUL.    GND    RFout



n.c.    GND    GND    +Vcc

**Bottom view**

n.c.    GND    GND    +Vcc



+Vtune    MODUL.    GND    RFout