

SPECIFICATIONS:

- **Frequency range:** 1100 - 1360 MHz @ 0.5 - 4V tuning voltage
- **Frequency range:** 1100 - 1400 MHz @ 0.5 - 7V tuning voltage
- **Output level:** 0.5 - 2mW @ 3 - 6V power supply
- **Phase noise:** -100dBc / Hz @ 25 KHz
- **Tuning voltage:** 0.5 - 7V
- **Tuning sensitivity:** 20 - 50 MHz / V
- **Modulation:** to apply to the tuning pin
- **Power supply:** 3 - 6V, 8 - 25mA
- **Dimensions (W x L x H):** 7.6 x 10.2 x 2.5 mm
- **Package:** SMD



Output level Vs. power supply

Power supply		Tuning voltage	RF output		Frequency
V	mA	(V)	mW	dBm	(MHz)
2.5	5	0		-6	1060
		5		-9	1380
3	7.5	0		-2	1060
		5		-5	1375
4	12	0		+2	1060
		5		0	1368
5	20	0		+5	1060
		5		+2	1355
6	23	0		+6	1060
		5		+4	1350

Typical frequency Vs. tuning voltage

(4V power supply)

Tuning voltage (V)	Frequency (MHz)
0	1060
0.5	1100 - 1090
1	1140 - 1130
2	1200 - 1190
3	1260 - 1255
4	1320 - 1318
5	1370 - 1365
6	1400 - 1395
7	1420

Bottom view

