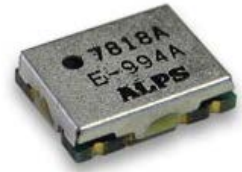


## SPECIFICATIONS:

- **Frequency range:** 1130 - 1400 MHz @ 5V tuning voltage
- **Frequency range:** 1130 - 1450 MHz @ 7V tuning voltage
- **Output level:** 1 - 1.6mW @ 2.5 - 6V power supply
- **Tuning voltage:** 30-50 MHz / V
- **Modulation:** to apply to the tuning pin
- **Phase noise:** 100dBc / Hz @ 25 KHz
- **Power supply:** 2.5 - 6V, 7 - 20mA
- **Dimensions (W x L x H):** 7.6 x 10.2 x 2.4 mm
- **Package:** SMD



**Output level Vs. power supply**

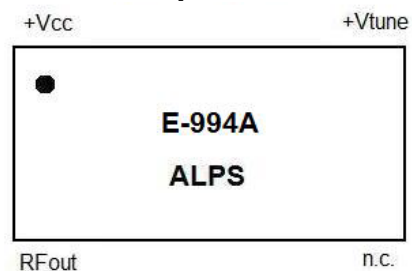
Power supply		Tuning voltage (V)	RF output		Frequency (MHz)
V	mA		mW	dBm	
2.5	6	0.5		-3	1116
	6	5		-9	1404
3	8	0.5		0	1110
	8	5		-6	1404
4	13	0.5		+3	1110
	13	5		-2	1404
5	17	0.5		+5	1110
	17	5		0	1406
6	23	0.5		+6	1110
	21	5		+2	1413

**Typical frequency Vs. tuning voltage**

(4V power supply)

Tuning voltage (V)	Frequency (MHz)
0.5	1110
1	1140
2	1200
3	1268
4	1352
5	1403
6	1441
7	1468

**Top view**



**Bottom view**

