

## SPECIFICATIONS:

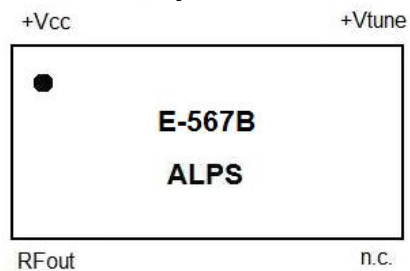
- **Frequency range:** 900 - 1020 MHz @ 0.5 - 5V tuning voltage
- **Output level:** 0.2 - 1mW @ 2.8 - 5V power supply
- **Tuning voltage:** 20 MHz / V
- **Modulation:** to apply to the tuning pin
- **Phase noise:** 105dBc / Hz @ 25KHz
- **Power supply:** 2.8 - 5V, 8 - 18mA
- **Dimensions (W x L x H):** 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		-8 -6	873 - 883
	6 - 5.5	6		-10 -8	1040 - 1050
3		0.5		-3 -2	872 - 886
	8 - 8	6		-6 -5	1040 - 1050
4	13 - 12	0.5		+1	869 - 886
	13 - 12	6		-1	1040 - 1050
5	18 - 16	0.5		+2 +4	865 - 880
	17 - 16	6		-1 +2	1040 - 1050
6		0.5		+4	
	22 - 21	6		+2 +3	1037 - 1048

Typical frequency Vs. tuning voltage	
(4V power supply)	
Tuning voltage (V)	Frequency (MHz)
0	847
0.5	870 - 887
2.5	953
5	1022 - 1030
7	1054 - 1065
8	1063 - 1074

Top view



Bottom view

