

# VCO SBVC - 13

## FEATURES

**SINGLE BAND**  
5.5mm x 4.8mm x 1.8mm

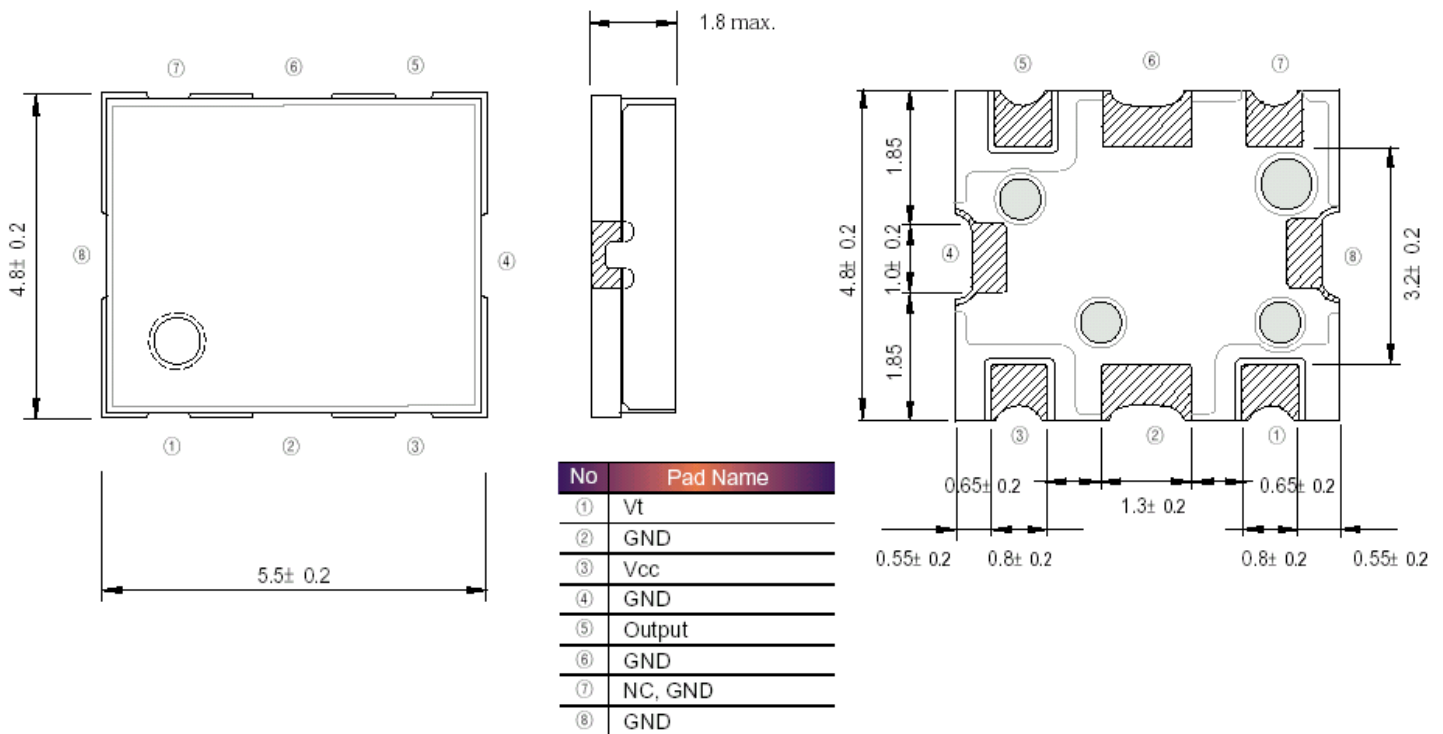
IMAGE AREA

- ▶ Excellent C/N, S/N Ratio
- ▶ Low operating voltage
- ▶ High Accurate frequency tuning
- ▶ Strip line resonator

### ELECTRICAL SPECIFICATIONS

Parameters	CDMA	PCS / US	PCS / KOREA
Part No.	SBVC 13A	SBVC 13B	SBVC 13C
Frequency (MHz)	967 ± 18.0	1750 ± 35.0	1635 ± 22.0
Supply voltage (Volt)	2.8 ~ 3.0	2.8 ± 0.15	2.8 ± 0.15
Control voltage (Volt)	0.5~2.5	0.5~2.5	0.5~2.5
Output level (dBm)	≥ -3.0	≥ -3.0	≥ -3.0
Current (mA)	≤ 6.4	≤ 8.8	≤ 8.8
C / N (dBc)	-110 (offset = 100KHz)	-111 (offset = 100KHz)	-111 (offset = 100KHz)
Harmonics (dBc)	≥ -15	≥ -10	≥ -10
Frequency pushing (MHz)	± 1	± 1	± 1
Frequency pulling (MHz)	± 1	± 1	± 1

### DEMENSIONS



### TEST CIRCUIT

