

VCO SBVC - 10

FEATURES

SINGLE BAND
7.9mm x 5.8mm x 2.0mm

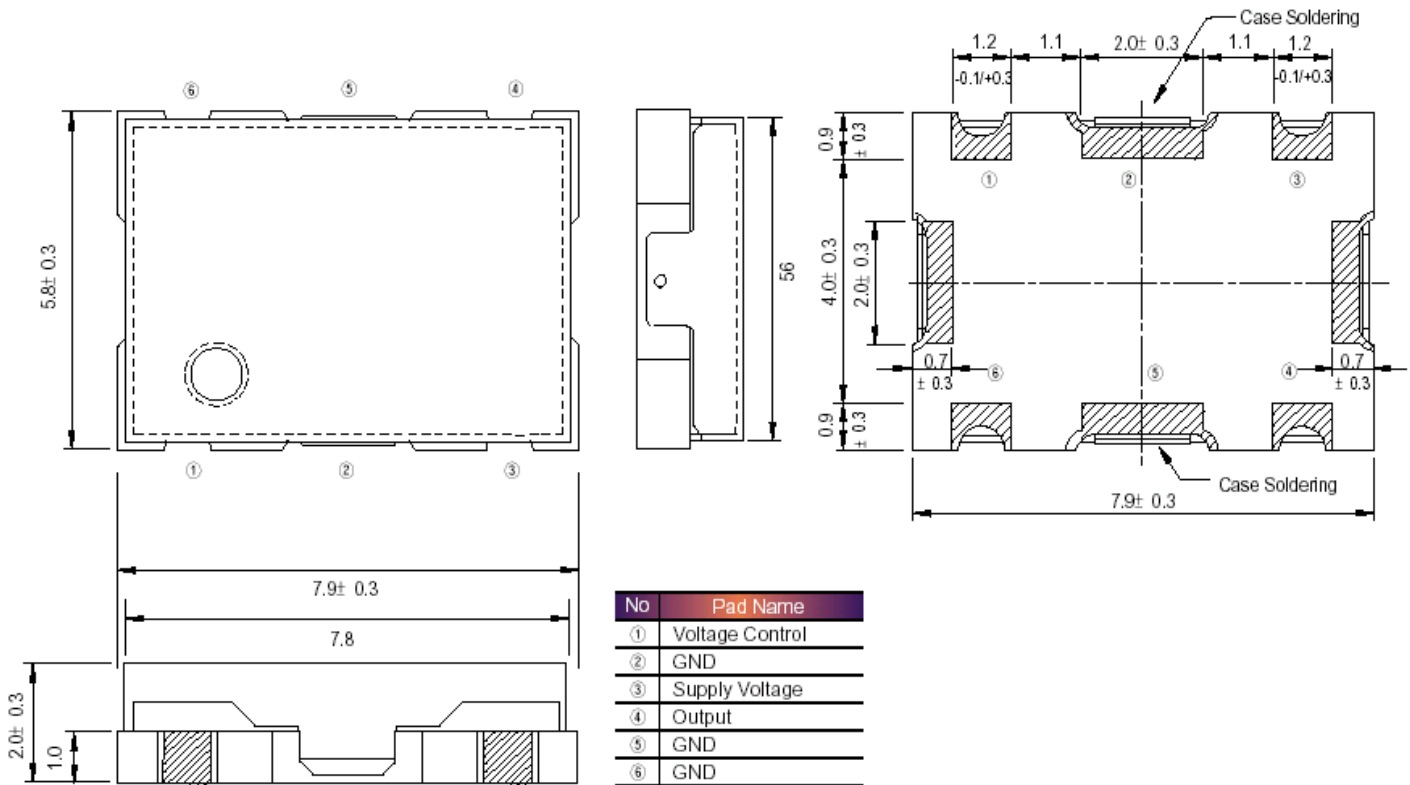
IMAGE AREA

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

ELECTRICAL SPECIFICATIONS

Parameters	CDMA	PCS / US	PCS / KOREA	Cordless phone
Part No.	SBVC 10A	SBVC 10B	SBVC 10C	SBVC 10D
Frequency (MHz)	967 ± 18.0	1750 ± 35.0	1635 ± 22.0	2450 ± 65.0
Supply voltage (Volt)	3.35 ± 0.15	3.0 ± 0.15	3.0 ± 0.15	3.0 ± 0.15
Control voltage (Volt)	0.7~2.7	0.5~2.5	0.5~2.5	0.4~2.4
Output level (dBm)	≥ -3.0	≥ -3.0	≥ -3.0	-1±4.0
Current (mA)	≤ 6.4	≤ 8.8	≤ 8.8	≤ 12.0
C / N (dBc)	-110(30KHz)	-111(100KHz)	-111(100KHz)	-75(10KHz)
Harmonics (dBc)	≥ -10	≥ -10	≥ -10	≥ -10
Frequency pushing (MHz)	± 1	± 1	± 1	± 3
Frequency pulling (MHz)	± 1	± 1	± 1	± 4

DEMENSIONS



TEST CIRCUIT

