

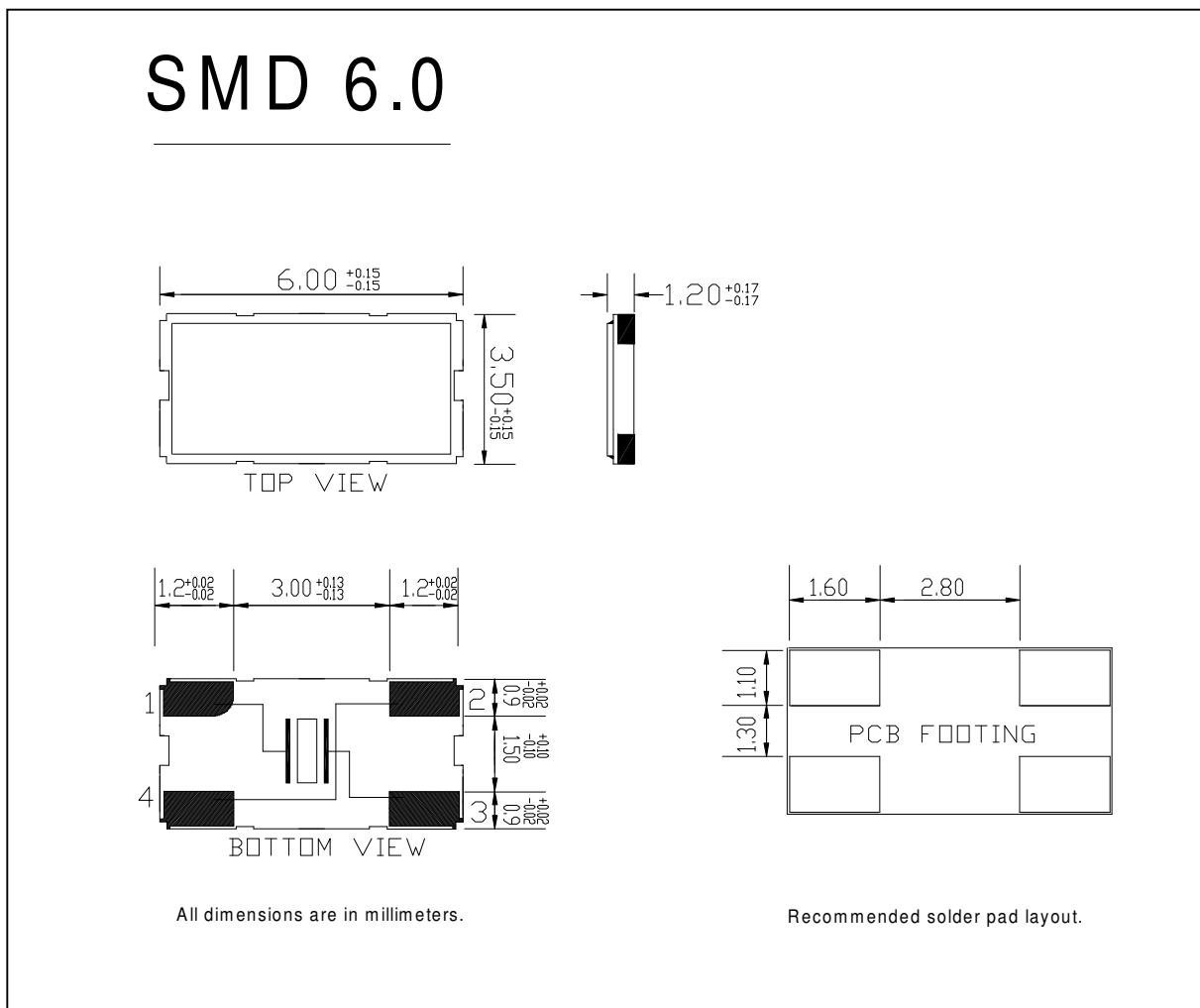
SMD 6.0

Features

- ultra-miniature size
- 1.2mm height
- seam sealing
- excellent anti-shock holding
- SMD type

Applications

- bluetooth
- RF remote controls
- WLAN modems
- general purpose



Specifications

NOMINAL FREQUENCY	10MHz fundamental - 80MHz (3rd overtone)
FREQUENCY TOLERANCE	±10ppm ~ ±50ppm
LOAD CAPACITANCE (CL)	10pF ~ 32pF or series
RESONANCE RESISTANCE (RR)	see table below
FREQUENCY STABILITY	±10PPM ~ ±50PPM
TEMPERATURE RANGE	-20°C ~ +85°C
SHUNT CAPACITANCE (CO)	7pF max
DRIVE LEVEL	0.01mW
INSULATION RESISTANCE	500MΩ min / DC 100V
AGING	±5ppm / yr max in first yr.

Resistance Table (ESR)

Frequency Range(MHz):		Vibration mode
10.000+ ~ 11.000	100	fundamental
11.000+ ~ 12.000	80	fundamental
12.000+ ~ 16.000	60	fundamental
16.000+ ~ 40.000	50	fundamental
40.000+ ~ 80.000	70	third overtone

Frequency vs Operating Temp Table

Temp(°C)	PPM							
	±5	±7.5	±10	±15	±20	±30	±50	
0 ~ +50	*	*	*	*	*	*	*	
-10 ~ +60	*	*	*	*	*	*	*	
-20 ~ +70	*	*	*	*	*	*	*	
-30 ~ +80		*	*	*	*	*	*	
-40 ~ +85			*	*	*	*	*	