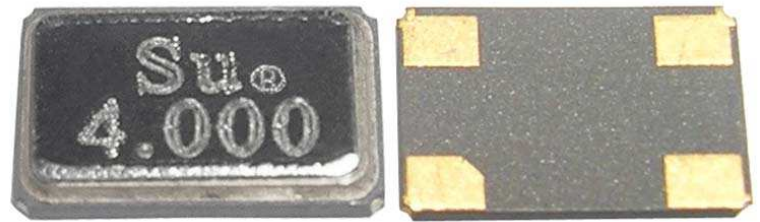


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FEATURES

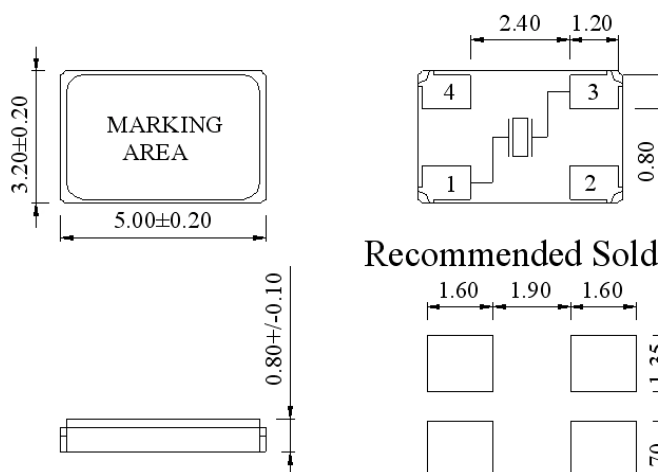
- Low cost
- Wide frequency range
- Good aging
- Pb-free & RoHS Compliance



SPECIFICATIONS	
Holder Type	SMD5.0*3.2[Ceramic Surface Mount, 4 pad]
Frequency Range	10.000MHz – 150.000MHz
Operating Temperature Range	-10°C ~ +60°C typical or custom-designed
Storage Temperature Range	-40°C ~ +85°C typical
Drive Level	100uW typical
Load Capacitance	8pF-32pF or Series
Frequency Tolerance	±30ppm or custom-designed
Frequency Stability	±50ppm or custom-designed
Shunt Capacitance	7.0pF max
Insulation Resistance	500MΩmin.at DC 100V
Aging First Year	±5ppm max

EQUIVALENT SERIES RESISTANCE(ESR) AND MODE OF OPERATION		
Frequency Range	ESR(Ω)	Mode
10.000~11.599M	80max	Fundamental
12.000~15.999M	60max	Fundamental
16.000~19.999M	50max	Fundamental
20.000~23.999M	40max	Fundamental
24.000~50.000M	30max	Fundamental
40.000~60.000M	100max	3 rd Overtone
60.000~150.00M	80max	3 rd Overtone

Mechanical Dimensions



Recommended Solder Pattern

Unit: mm