

**ELECTRICAL SPECIFICATIONS**

PARAMETERS	CONDITIONS	MINIMUM	STANDARD	MAXIMUM	UNIT
FREQUENCY RANGE			32.768		KHz
FREQ. TOLERANCE	at 25 °C		±20		PPM
DRIVE LEVEL			10µW typical 100µW Max.		
OPERATING TEMPERATURE			-40 °C to +85 °C		°C
STORAGE TEMPERATURE			-40 °C to +85 °C		°C
SHUNT CAPACITANCE (C <sub>0</sub> )				1.5	pF
LOAD CAPACITANCE (C <sub>L</sub> )			12.5 pF		pF
ESR			70KΩ Max.		
AGING CHARACTERISTICS			±3 PPM / year		
TEMPERATURE COEFFICIENT -0.034±0.006ppm/°C <sup>2</sup>					

INSULATION RESISTANCE: 500MΩ Min @ DC 100V  
 TEMPERATURE COEFFICIENT: -0.034±0.006ppm/°C<sup>2</sup>  
 ROHS COMPLIANT

**MECHANICAL DRAWING**

