



SPECIFICATION	
NOMINAL FREQUENCY	32.768 KHz
FREQUENCY TOLERANCE AT 25°C	$\pm 20$ ppm
OPERATING TEMPERATURE RANGE	-10°C to +60°C
STORAGE TEMPERATURE RANGE	-55°C to +125°C
FREQUENCY vs TEMPERATURE CHARACTERISTICS	Refer Fig. 1
TEMPERATURE COEFFICIENT	$-0.034 \pm 0.006$ ppm / °C <sup>2</sup> Typical
TURNOVER TEMPERATURE	25°C Typical
EQUIVALENT SERIES RESISTANCE	50k $\Omega$
LOAD CAPACITANCE	12.5pF Typical
DRIVE LEVEL	1 $\mu$ W Maximum
SHUNT CAPACITANCE	1.35pF Typical
MOTIONAL CAPACITANCE	0.003pF Typical
AGING AT 25°C	$\pm 3$ ppm Maximum / First Year
INSULATION RESISTANCE DC100V $\pm 15$ V	500M $\Omega$ Minimum
SEALING	$1 \times 10^{-2}$ $\mu$ Pa $\cdot$ m <sup>3</sup> /s Maximum