



FEATURES:

- Watch frequency
- 32.768kHz standard frequency

APPLICATIONS:

- Real time clock
- Measuring instruments
- Clock source for communication or A/V equipment

STANDARD SPECIFICATIONS:

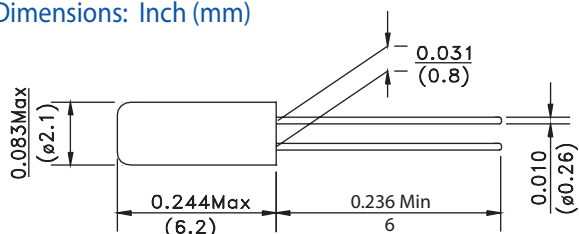
PARAMETERS

ABRACON P/N:	AB26T Series
Standard frequency:	32.768kHz
Additional frequencies available*	32.000kHz, 36.000kHz, 38.000kHz, 38.400kHz, 40.000kHz, 60.000kHz, 65.536kHz, 76.800kHz, 96.000kHz, 100.000kHz
Frequency range:	30kHz to 200kHz
Operating temperature:	-10°C to + 60°C (see option)
Storage temperature:	-40°C to + 85°C
Turn-over temperature:	+25°C ± 5°C
Frequency tolerance:	± 20 ppm max. for 32.768kHz (see option) ± 30 ppm max. for 30kHz ~ 200kHz (not including 32.768kHz)
Temperature Coefficient:	-0.034 ± 0.006 ppm/ T ²
Equivalent series resistance:	35 kΩ max. (32.768kHz) 35 kΩ ~ 50 kΩ max. (30kHz ~ 200kHz)
Shunt capacitance C0:	0.8pF to 1.7pF typ.
Load capacitance CL:	12.5 pF typ. (see option)
Motional capacitance C1:	1 ~ 4 fF typ.
Capacitance ratio:	425 ~ 800 typ.
Quality factor:	70,000 typ. (32.768kHz)
Drive level:	1.0 μW max.
Aging @ 25° C first year:	± 3 ppm max. (32.768kHz) and ± 5 ppm max. (others)
Insulation resistance:	500 Mohms min. at 100Vdc ± 15V

* For additional frequencies please contact Abracon.

OUTLINE DRAWING:

Dimensions: Inch (mm)



AB26T- Frequency-□ - □

CL Option

Please specify load cap.
in pF (ex. 6pF)

Temperature options

E	0°C to + 70°C
B	-20°C to + 70°C