32.768kHz WATCH CRYSTAL, 6.2 x 02.1MM CYLINDER PACKAGE

AB26T



6.2 x Ø2.1 mm

FEATURES:

- Watch frequency
- 32.768kHz standard frequency

STANDARD SPECIFICATIONS:

PARAMETERS

AB26T Series
32.768kHz
32.000kHz, 36.000kHz, 38.000kHz, 38.400kHz, 40.000kHz, 60.000kHz, 65.536kHz, 76.800kHz, 96.000kHz, 100.000kHz
30kHz to 200kHz
-10°C to + 60°C (see option)
-40°C to + 85°C
+25°C ± 5°C
± 20 ppm max. for 32.768kHz (see option) ± 30 ppm max. for 30kHz ~ 200kHz (not including 32.768kHz)
-0.034 ± 0.006 ppm/ T²
35 kΩ max. (32.768kHz) 35 kΩ ~ 50 kΩmax. (30kHz ~ 200kHz)
0.8pF to 1.7pF typ.
12.5 pF typ. (see option)
1 ~ 4 fF typ.
425 ~ 800 typ.
70,000 typ. (32.768kHz)
1.0 μW max.
\pm 3 ppm max. (32.768kHz) and \pm 5 ppm max. (others)
500 Mohms min. at 100Vdc ± 15V

APPLICATIONS:

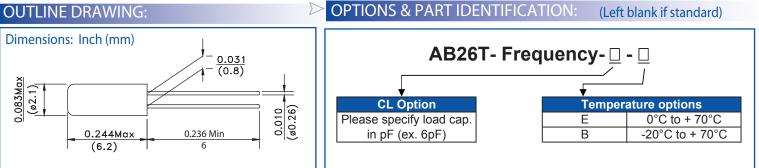
Real time clock

Measuring instruments

Clock source for communication or A/V equipment

* For additional frequencies please contact Abracon.

➢ OUTLINE DRAWING:







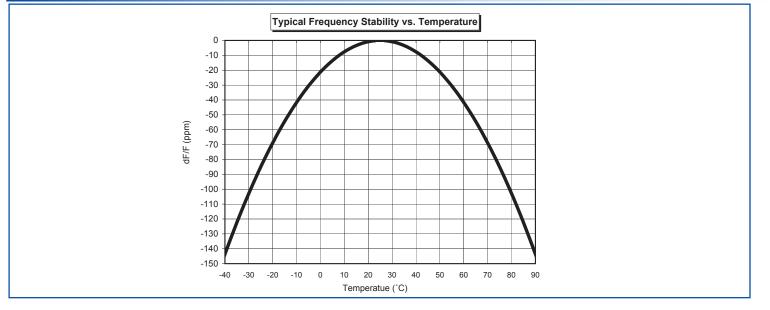
Visit www.abracon.com for Terms & Conditions of Sale Revised: 06.29.10 30332 Esperanza, Rancho Santa Margarita, California 92688 tel 949-546-8000 | fax 949-546-8001 | www.abracon.com

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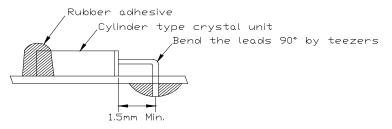
TUNING FORK CRYSTAL TEMPERATURE CURVE



HANDLING INSTRUCTIONS

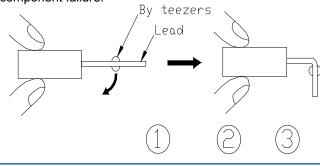
Mounting:

(1) Soldering on the body of the cylinder type crystal unit must be strictly avoided due to deteriorate the characteristics or damage the products. Rubber adhesive is recommended.



(2) When the leads need to be bent by hand, follow the instructions below.

- Hold the body of the Cylinder type crystal unit in fingers.
- Pick at the part with tweezers, which you intend to bend. There should be more than 1.5mm (3.0mm is recommendable) from the body case.
- Bend the lead 90° by tweezers without pulling the lead strongly. Pulling the leads forcefully may cause cracks in the glass hermetic seal resulting in component failure.



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