

LOW FREQUENCY CYLINDRICAL WATCH CRYSTAL

AB15T



RoHS
Compliant

AB15T

5.1 x 1.5 mm

FEATURES:

- Watch frequency
- Excellent heat resistance

APPLICATIONS:

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

STANDARD SPECIFICATIONS:

PARAMETERS

ABRACON P/N	AB15T Series
Frequency Range	32.768 kHz
Operating Temperature	- 20°C to + 70°C
Storage Temperature	-40°C to + 85°C
Turn-over Temperature	+25°C to $\pm 5^{\circ}\text{C}$
Frequency Tolerance	± 20 ppm max.
Temperature Coefficient	-0.034 ± 0.006 ppm / $^{\circ}\text{C}^2$
Equivalent Series Resistance	40 kohms max.
Shunt Capacitance C_0	1.00 pF typ.
Load Capacitance C_L	12.5 pF
Quality factor	85,000 typ.
Drive Level	1 μW max.
Aging at 25°C First Year	± 3 ppm max.
Insulation Resistance	500 Mohms min. at 100 Vdc $\pm 15\text{V}$

PART IDENTIFICATION:

AB15T - 32.768KHz

OUTLINE DRAWING:

