

THRU-HOLE TUNING FORK

NC15/NC26/NC38

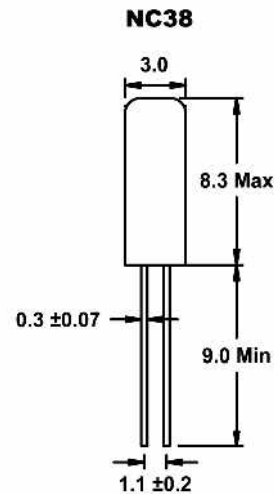
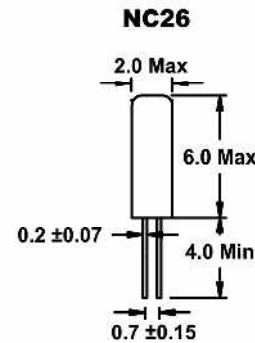
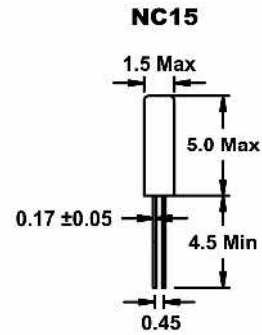
FEATURES

- Miniature Packages
- Low Cost
- Cold Weld Design
- Long Term Stability
- Tight Tolerance

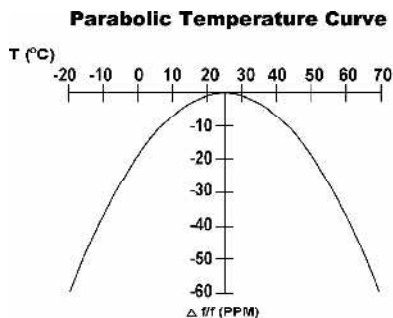


• STANDARD SPECIFICATIONS	
PARAMETERS	MAX (unless otherwise noted)
Frequency	32.768 kHz
Frequency Tolerance @ 25°C	± 20 PPM
Frequency Stability Temperature Coefficient	-0.04 PPM / (Δ°C) ²
Temperature Range	
Turnover (TO)	+20°C ~ +30°C
Operating (TOPR)	-20°C ~ +60°C
Storage (TSTG)	-30°C ~ +70°C
Equivalent Series Resistance (RS)	
NC15/NC26	50 kΩ
NC38	35 kΩ
Load Capacitance (CL)	12.5 pF (Standard) 6 pF (Optional)
Insulation Resistance @ 100VDC	500 MΩ
Drive Level	1.0 μW
Aging per year	±3 PPM

All specifications subject to change without notice. Rev. 02/10/03



All dimensions are in millimeters.



To determine frequency stability, use parabolic curvature (K)
For example: What is stability at 45°C?

- 1) Change in T (°C) = 45-25 = 20°C
- 2) Change in frequency = -0.04 PPM * (Δ°C)²
= -0.04 PPM * (20)²
= -16.0 PPM