



QUARTZ CRYSTALS UNIT  
CYLINDRICAL CRYSTALS  
HEX32 –T38 & T26 TUNING FORK



FEATURES

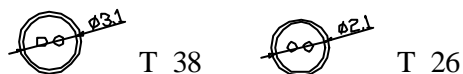
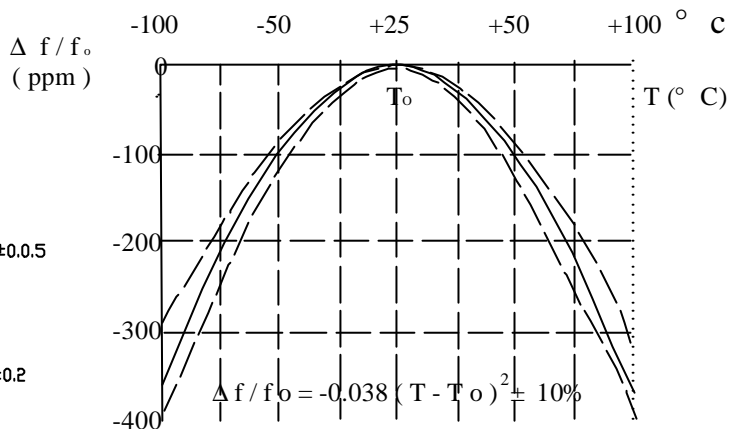
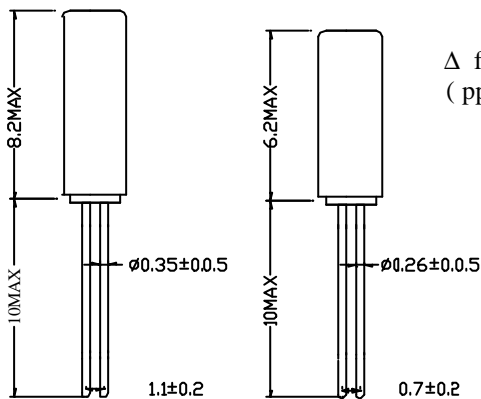
- Miniature Size for High Density Applications
- Watch Frequency
- Frequency Range from 30kHz~200kHz
- Excellent Heat Resistance

ALTERNATIVE CODE:

- A for T 38
- B for T 26

Dimensions : mm

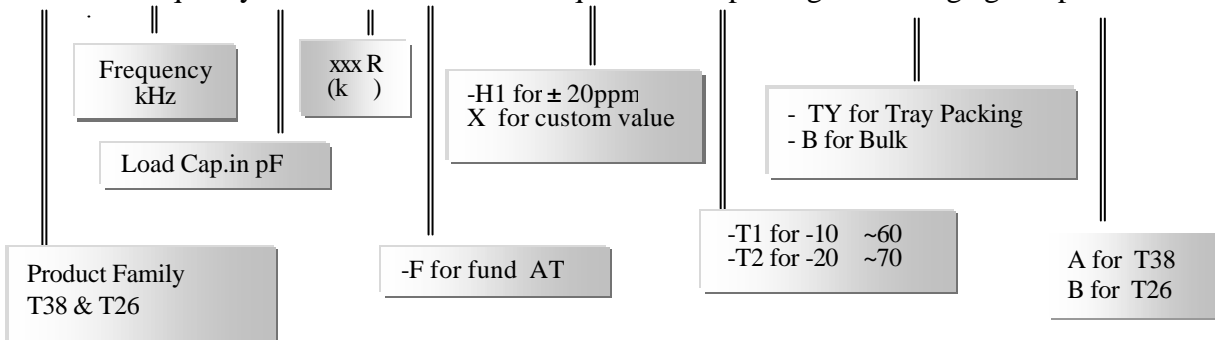
| PARAMETER                          | SPECIFICATION                           |                  |
|------------------------------------|---|------------------|
|                                    | T 38                                    | T26              |
| Frequency Range                    | 32.768 kHz                              | 32.768 kHz       |
|                                    | 30.000~200.000 kHz                      |                  |
| Equivalent Series Resistance (ESR) | 30k max                                 | 50k max          |
| Operating Temperature              | -10 ~60 ( See Options )                 |                  |
| Storage Temperature                | -40 ~ +85                               |                  |
| Turnover Temperature               | 25 ± 5                                  |                  |
| Frequency Tolerance @ 25           | ± 20ppm max                             |                  |
| Frequency Stability Over Temp.     | $-0.034 \pm 0.006\text{ppm} / (25-T)^2$ |                  |
| Shunt Capacitance C0               | 1.6pF typical                           |                  |
| Load Capacitance CL                | 12.5pF typical                          |                  |
| Motion Capacitance C1              | 0.0035pF typical                        | 0.0030pF typical |
| Drive Level                        | 1uW max                                 |                  |
| Quality Factor Q                   | 90,000 typical                          | 70,000 typical   |
| Capacitance Ratio C0 / C1          | 460 typical                             |                  |
| Insulation Resistance              | 500M min .at 100VDC ± 15V               |                  |



Frequency Temperature Curve

PART NUMBERING - ORDERING OPTIONS:

HEX32-Frequency-CL - ESR- Mode - Freq. Tol.- Temp. Range - Packaging - Option



Part Numbering Example : HEX32-32.768kHz-18-30R-F-H1-T2 -B-A

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