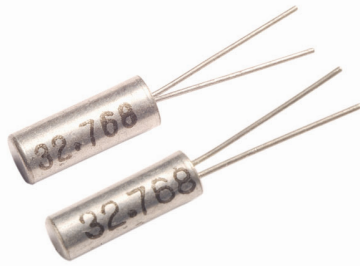


**DT-26 DT-38**



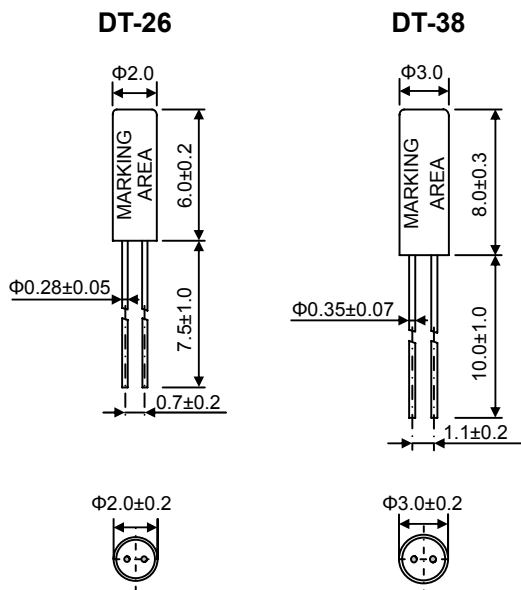
**Description:**

- Low Cost
- KHz Frequency
- Tight Tolerance
- Miniature Package
- Electrical Equipment
- Hand-Held Equipment
- Watch Crystal

**Performance Characteristics**

Parameter		DT-26	DT-38
Frequency Range	$F_0$	32.768KHz 30.720KHz~200.000KHz	32.768KHz 30.720KHz~200.000KHz
Mode of Vibration		Fundamental	
Resonance Resistance	$R_r$	40K $\Omega$ Max	30K $\Omega$ Max
Frequency Tolerance (at 25°C)		$\pm 5 \times 10^{-6}$ , $\pm 10 \times 10^{-6}$ $\pm 15 \times 10^{-6}$ , $\pm 20 \times 10^{-6}$	
Q Factor		70,000 Typ. 40,000 Min	80,000 Typ. 50,000 Min
Two Dimensional Temperature Constant		$-0.04 \times 10^{-6} / ^\circ\text{C}^2$	
Storage Temperature Range	$T_{STG}$	$-55^\circ\text{C} \sim +125^\circ\text{C}$	
Shunt Capacitance	$C_0$	1.1pF Typ.	1.3pF Typ.
Load Capacitance	$C_L$	6.0pF~12.5pF	
Insulation Resistance	IR	$>500\text{M}\Omega$ DC/100V $\pm 10\text{V}$	
Drive Level	DL	1.0 $\pm 0.2\mu\text{W}$	
Aging	$F_a$	$\pm 3 \times 10^{-6} \sim \pm 5 \times 10^{-6} / \text{year}$	

**Outline Drawing (mm)**



**Load Capacitance Characteristic**

