

MC306



Description:

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

Performance Characteristics

Parameter		MC306
Frequency Range	F_0	30.000KHz~200.000KHz
Mode of Vibration		Fundamental
Resonance Resistance	R_r	50K Ω Max
Frequency Tolerance (at 25°C)		$\pm 20 \times 10^{-6}$
Q Factor		70,000 Typ. 40,000 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	2pF Typ.
Load Capacitance	CL	6.0pF~12.5pF
Insulation Resistance	IR	>500M Ω DC/100V \pm 10V
Drive Level	DL	1.0 \pm 0.2 μ W
Aging	Fa	$\pm 3 \times 10^{-6} \sim \pm 5 \times 10^{-6} / \text{year}$

Outline Drawing (mm)

