

Tuning Fork Crystals

Cardinal's tuning fork crystals provide a cost-effective approach for time-management products.

Series CTF6 CTF8



Part Numbering Example: CTF6 - A1 C3 - 32.768K D12.5

CTF6		A*	C3	32.768K	D12.5
SERIES	ADDED FEATURES	OPERATING TEMP.	TOLERANCE	FREQUENCY	LOAD CAP.
CTF6	Call Marketing	A0 = -10°C ~ +60°C	C1 = ±100		D6 = 6.0 pF
CTF8		A1 = -10°C ~ +70°C	C2 = ±50		D12.5 = 12.5 pF
		A2 = -40°C ~ +85°C	C3 = ±30		
			C4 = ±10		

*NOTE: The above ABC combinations cover basic specification options. We tailor our crystal specifications to meet customer requirements. Please contact our sales department if you don't see exactly what you need.

Specifications:

Frequency Range: 32.768 KHz Standard

Operating Temperature: -10°C ~ +60°C Standard

Temperature Coefficient: $-(0.035 \pm 0.008) \text{ ppm/}^{\circ}\text{C}^2$

Frequency Tolerance: ±30 ppm Standard
(at 25°C)

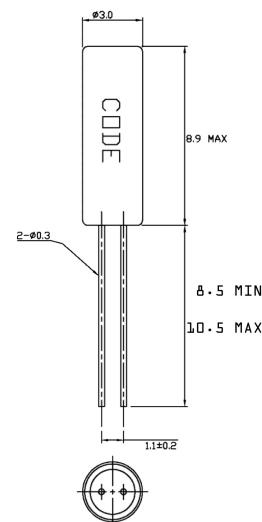
Load Capacitance: 12.5 pF, 6.0 pF

Resistance: 50,000Ω Max (BT Cut)

Standard: Shunt Capacitance: 1.7 pF Max
Aging: ± 3 ppm Max first year
Drive Level: 1 μW Max

Optional Features: Call Marketing

CTF8



CTF6

