

# 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	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:  $-(0.035 \pm 0.008)$  ppm/°C<sup>2</sup>

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

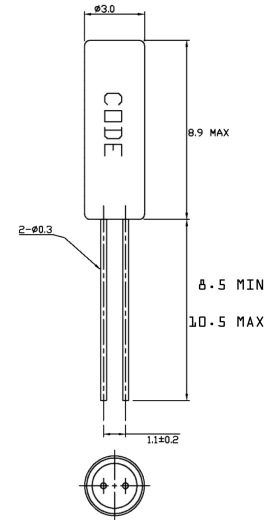
Load Capacitance: 12.5 pF, 6.0 pF

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

