

# 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 B2 C3 50 - 32.768K D12.5

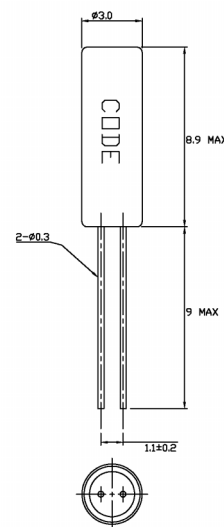
CTF6		A*	C3	32.768K	D12.5
SERIES	ADDED FEATURES	OPERATING TEMP.	TOLERANCE	FREQUENCY	LOAD CAP.
CTF6	Call Marketing	A0 = -10°C ~ +60°C	C1 = ±100		D6 = 6.0 pF
CTF8		A1 = -10°C ~ +70°C	C2 = ± 50		D12.5 = 12.5 pF
		A2 = -40°C ~ +85°C	C3 = ± 30		
		A3 = -55°C ~ +125°C	C4 = ± 10		

*\*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:

<b>Frequency Range:</b>	32.768 KHz	Standard
	30.000 ~ 200.000 KHz	Available
<b>Operating Temperature:</b>	-10°C ~ +60°C	Standard
<b>Temperature Coefficient:</b>	-(0.035 ± 0.008) ppm/°C <sup>2</sup>	BT - CUT
<b>Frequency Tolerance:</b>	±30 ppm	Standard
	(at 25°C)	
<b>Load Capacitance:</b>	12.5 pF, 6.0 pF	
<b>Resistance:</b>	50,000Ω Max	(BT Cut)
<b>Standard:</b>	Shunt Capacitance: 1.7 pF Max	
	Aging: ± 3 ppm Max first year	
	Drive Level: 1 μW Max	
<b>Optional Features:</b>	Call Marketing	

### CTF8



### CTF6

