

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*	B3	C3	50	32.768K	D12.5
SERIES	ADDED FEATURES	OPERATING TEMP.	STABILITY	TOLERANCE	RESISTANCE	FREQUENCY	LOAD CAP.
CTF6	Call Marketing	A0 = -10°C ~ +60°C	B1 = ±100	C1 = ±100			D6 = 6.0 pF
CTF8		A1 = -10°C ~ +70°C	B2 = ± 50	C2 = ± 50			D12.5 = 12.5 pF
		A2 = -40°C ~ +85°C	B3 = ± 30	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:

Frequency Range: 32.768 KHz *Standard*
30.000 ~ 200.000 KHz *Available*

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)

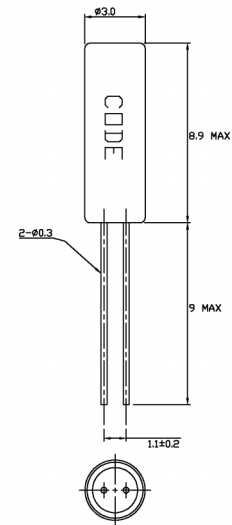
Load Capacitance: 12.5 pF, 6.0 pF

Resistance: 50,000Ω Max (BT Cut)

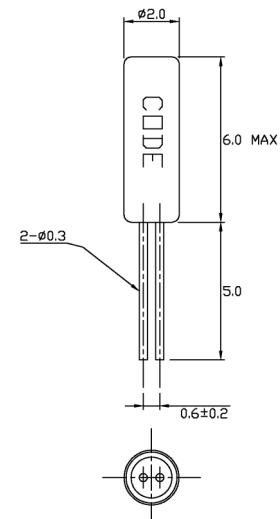
Standard: Shunt Capacitance: 1.7 pF Max
Aging: ± 3 ppm Max first year
Drive Level: 1 μW Max

Optional Features: Call Marketing

CTF8



CTF6



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C-5

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