

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Cardinal Components](#)

[CTF6-A2C5-32.768KD12.5](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

CARDINAL COMPONENTS

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		
		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)

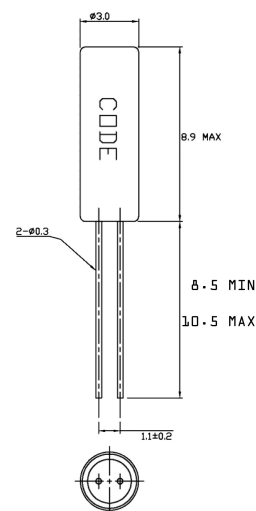
Load Capacitance: 12.5 pF, 6.0 pF

Resistance: 50,000Ω Max (BT Cut)

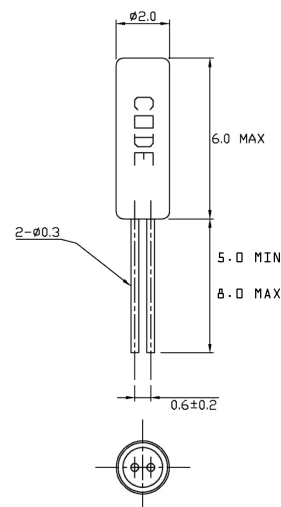
Standard: Shunt Capacitance: 1.7 pF Max
 Aging: ± 3 ppm Max first year
 Drive Level: 1 μW Max

Optional Features: Call Marketing

CTF8



CTF6



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