

FCom Tuning Fork Crystal

Series FCT-2T

Through Hole 32.768 kHz Crystal 2x6 Cylindrical Can



Feature

- Small size $\phi 2 \times 6$ mm
- Wide frequency range
- Excellent frequency stability
- RoHS and REACH Compliant , Pb-free

Application

- Consumer products reference clocks

ELECTRICAL SPECIFICATIONS

Parameters	Symbol	Min.	Typ.	Max.	Units	Notes
Nominal Frequency	F	32.768			kHz	Test condition Ambient temperature: $25 \pm 5^{\circ}\text{C}$ Relative humidity: $40\% \sim 70\%$
Frequency Tolerance (at 25°C)	FT	$\pm 5, \pm 10, \pm 20$			ppm	
		$\pm 5, \pm 10, \pm 20$			ppm	
Operating Temperature	Topr	-40	25	90	$^{\circ}\text{C}$	
Load Capacitance	CL	6, 7, 9, 12.5 or specify			pF	
Drive Level	DL	-	-	1.0	μW	
Equivalent Series Resistance	ESR	-	-	40	Kohm	
Shunt Capacitance	C0	1.5-0.85			pF	
Temperature Coefficient	-	-0.035 ± 0.01			ppm/ T^2	
Insulation Resistance	-	500	-	-	Mohm	
Aging	-	± 3			ppm	1st Year

Note : The table shows common spec. if you have special spec. requirement , please feel free to contact our salesperson.

DIMENSION(mm)

