

Features

- Frequency range : 32.768 kHz
- DIP : Cylinder type
- External dimensions (mm)
Φ : 1.5 x L : 5.1
- RoHS compliant & Pb free

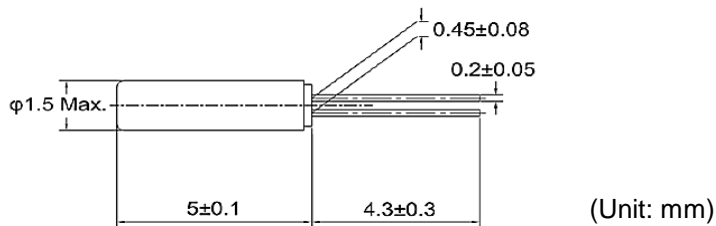
Applications

- Watch, Clock
- Real-time clock (RTC)
- Security devices
- Consumer products

Electrical Characteristics

Item	Symbol	QT15	Conditions
Nominal Frequency	f_0	32.768 kHz	
Frequency Tolerance	$\Delta f/f_0$	± 20 ppm	at 25°C
Load Capacitance	C_L	12.5 pF	
Operating Temperature Range	T_{OTR}	-20°C ~ +70°C	
Storage Temperature Range	T_{STR}	-40°C ~ +85°C	
Turnover Temperature	T_M	25°C \pm 5°C	
Temperature Coefficient	β	-0.034 \pm 0.006ppm/°C ²	
Motional Resistance (ESR)	R_1	40 kΩ Max.	at 25°C
Drive Level	D_L	1 μ W Max.	
Aging	$\Delta f/f_0$	± 3 ppm Max.	at 25°C \pm 3°C, first year
Shunt Capacitance	C_0	1.0 pF Typ.	

Dimensions



Ordering Information

