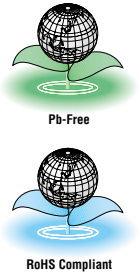


Tuning Fork Crystal Resonators / kHz Band Crystal Resonators

DT-38, DT-381/DT-26, DT-261



Low power consuming tuning fork crystal resonators are suitable not only for wristwatches but also for a wide range of other applications from industrial equipment to the clock functions in consumer and household electronics.



■ Features

- A cylindrical type tuning fork crystal resonator
- Taped and reeled allowing for automatic mounting. (DT-38, DT-381)

■ Standard Specification

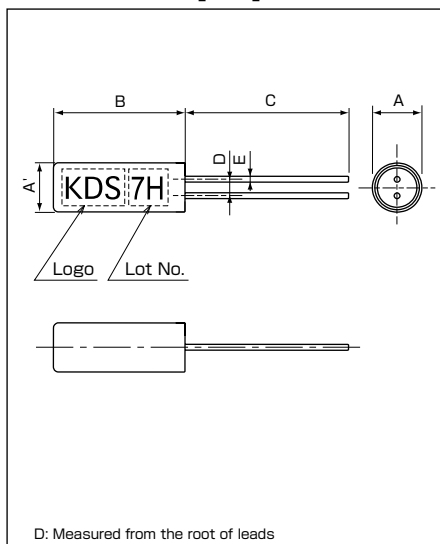
Item	Type	DT-38	DT-381	DT-26	DT-261
Frequency Range		32.768kHz	15~150kHz	32.768kHz	28~100kHz
Load Capacitance		Series,9pF,10pF,12.5pF ※1			
Drive Level		1.0μW(2.0μW max.)			
Frequency Tolerance		GRADE A±20×10 ⁻⁶ (at25°C) GRADE B±30×10 ⁻⁶ (at25°C)	※2	GRADE A±20×10 ⁻⁶ (at25°C) GRADE B±30×10 ⁻⁶ (at25°C)	※2
Series Resistance		30kΩ max.	※2	40kΩ max.	※2
Turnover Temperature		+25°C±5°C	※2	+25°C±5°C	※2
Parabolic Coefficient		-0.04×10 ⁻⁶ /°C ² max.			
Operating Temperature Range		-10~+60°C			
Storage Temperature Range		-20~+70°C			
Shunt Capacitance		1.3pF Typ.	※2	1.1pF Typ.	※2

※1: Other capacitance value is available upon your request. ※2: Upon customer request.

■ Dimensions[mm]

Type	A'	A	B	C	D	E
DT-38, DT-381	φ3.0	φ3.0 ^{+0.1} _{-0.2}	8.0 ^{+0.3} _{-0.2}	10.0±1.0	1.1±0.2	φ0.35±0.07 (□0.25±0.07)
DT-26, DT-261	φ2.0	φ2.0 ⁺⁰ _{-0.2}	6.0 ^{+0.1} _{-0.2}	7.5±1.0	0.7±0.2	φ0.28±0.05

■ Dimensions[mm]



■ Load Capacitance Characteristics (Example)

