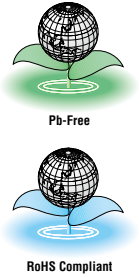


Tuning Fork Crystal Resonators / kHz Band Crystal Resonators

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

■ Standard Specification

Item	Type	DT-38	DT-381	DT-26	DT-261
Frequency Range		32.768kHz	20 to 90kHz	32.768kHz	28 to 90kHz
Load Capacitance		12.5pF (1)			
Drive Level		1.0μW (2.0μW max.)			
Frequency Tolerance		GRADE A±20×10 ⁻⁶ (at 25°C) GRADE B±30×10 ⁻⁶ (at 25°C)			
Series Resistance		30kΩ max. (2)		40kΩ max. (2)	
Turnover Temperature		+25°C±5°C			
Parabolic Coefficient		-0.04×10 ⁻⁶ /°C ² max.			
Operating Temperature Range		-10 to +60°C			
Storage Temperature Range		-20 to +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.

(3) Moisture prevention packing is unnecessary.

Moisture Sensitivity Level : LEVEL 1(IPC/JEDEC J-STD-033)

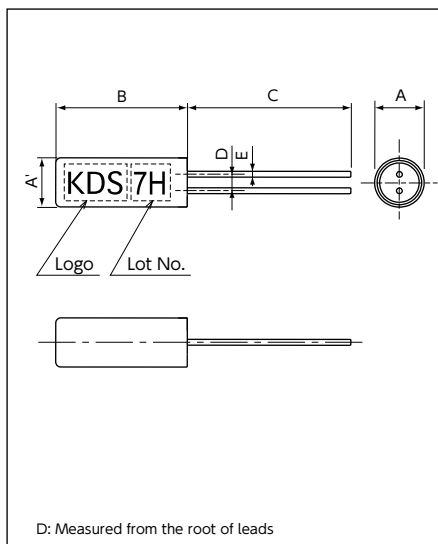
Consult our sales representative for other specifications.

■ Dimensions[mm]

Type	A'	A	B	C	D	E
DT-38, DT-381	φ 3.0	φ 3.0 ^{+0.1} _{-0.2}	8.0 ^{+0.3} _{-0.2}	10.0±1.0	1.1±0.2	φ 0.35±0.07
DT-26, DT-261	φ 2.0	φ 2.0 ⁺⁰ _{-0.2}	6.0 ^{+0.1} _{-0.2}	7.5±1.0	0.7±0.2	φ 0.28±0.05

■ Dimensions

[mm]



■ Load Capacitance Characteristics (Example)

