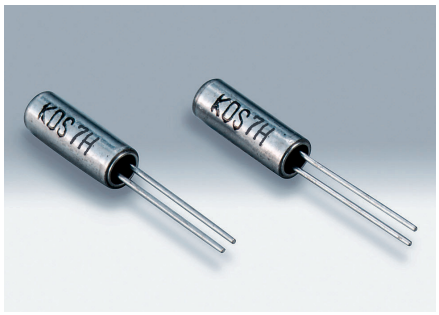
Tuning Fork Crystal Resonators / kHz Band Crystal Resonators

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.

Pb-Free

RoHS Compliant

■ 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	±20×10^{-6} (at 25℃)			
Series Resistance	30kΩ max. (2)		40kΩ max. (2)	
Turnover Temperature	+25℃±5℃			
Parabolic Coefficient	−0.04×10^{-6}/℃^{2} max.			
Operating Temperature Range	−10 to +60℃			
Storage Temperature Range	−20 to +70℃			
Shunt Capacitance	1.3pF typ.	(2)	1.1pF typ.	(2)

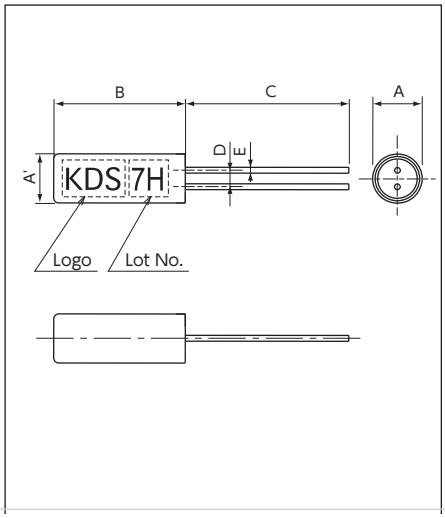
(1) Other capacitance value is available upon your request.
(2) Upon customer request.
(3) Moisture prevention packing is unnecessary.
Moisture Sensitivity Level : LEVEL 1(IPC/JEDEC J-STD-033)

Consult our sales representative for other specifications.

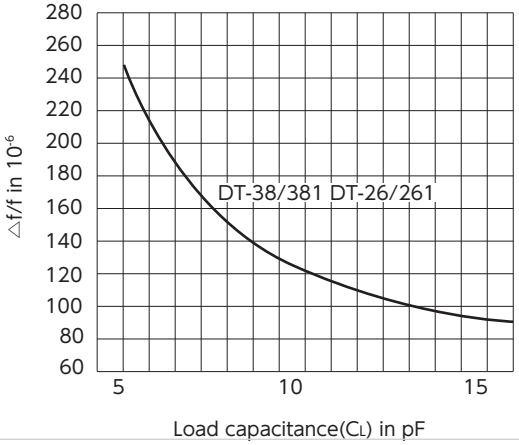
■ Dimensions[mm]

Type	A'	A	B	C	D	E
DT-38, DT-381	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
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)



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