

## DT38, DT26, DT15: Tuning Fork Cylinder Quartz Crystal

30 - 200 KHz

### ● SPECIFICATION

Type	DT38	DT26	DT15
Frequency Range	30-100 KHz	30-200 KHz	30-120 KHz
Load Capacitance	6 pF, 7 pF, 12.5 pF, specify		
Drive Level	1.0 μW (max)	1.0 μW (max)	1.0 μW (max)
Frequency Tolerance	±20 ppm	±20 ppm	±20 ppm
Series Resistance	30 KΩ (max)	40 KΩ (max)	50 KΩ (max)
Turnover Temperature	25°C±5°C	25°C±5°C	25°C±5°C
Temperature Coefficient	-0.035±0.01ppm/C <sup>2</sup>	-0.035±0.01ppm/C <sup>2</sup>	-0.035±0.01ppm/C <sup>2</sup>
Operating Temperature Range	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C
Storage Temperature Range	-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C
Motional Capacitance	0.0035 pF (typ)	0.0028 pF (typ)	0.001 pF (typ)
Shunt Capacitance	1.75pF (typ)	1.45pF (typ)	1.05pF (typ)
Capacitance Ratio	500 (typ)	500 (typ)	500 (typ)
Aging	±5ppm (max)	±5ppm (max)	±5ppm (max)
Quality Factor	60000 (typ)	50000 (typ)	50000 (typ)
Insulation Resistance	500 MΩ (min)	500 MΩ (min)	500 MΩ (min)

### ● DIMENSIONS (mm)

