

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 μ W (max)	1.0 μ W (max)	1.0 μ W (max)
Frequency Tolerance	$\pm 5 \sim \pm 20$ ppm (at 25°C)	$\pm 5 \sim \pm 20$ ppm (at 25°C)	± 20 ppm (at 25°C)
Series Resistance	30 K Ω (max)	40 K Ω (max)	50 K Ω (max)
Turnover Temperature	25°C ± 5 °C	25°C ± 5 °C	25°C ± 5 °C
Temperature Coefficient	-0.035 ± 0.01 ppm/C ²	-0.035 ± 0.01 ppm/C ²	-0.035 ± 0.01 ppm/C ²
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	± 5 ppm (max)	± 5 ppm (max)	± 5 ppm (max)
Quality Factor	60000 (typ)	50000 (typ)	50000 (typ)
Insulation Resistance	500 M Ω (min)	500 M Ω (min)	500 M Ω (min)

● DIMENSIONS (mm)

