

DT38, DT26, DT15: Tuning Fork Cylinder Quartz Crystal

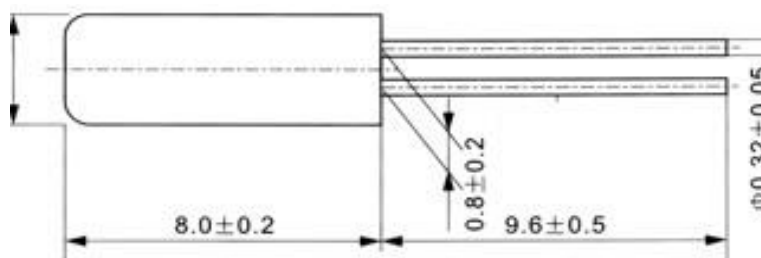
30 - 200 KHz

● SPECIFICATION

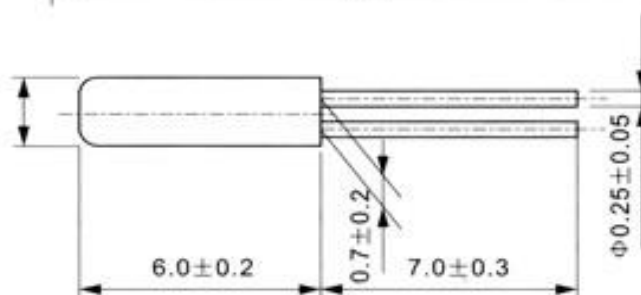
Type	DT38	DT26	DT15
Frequency Range	30-100 KHz	30-200 KHz	30-120 KHz
Load Capacitance	12.5 pF	12.5 pF	12.5 pF
Drive Level	1.0 μ W (max)	1.0 μ W (max)	1.0 μ W (max)
Frequency Tolerance	± 20 ppm	± 20 ppm	± 20 ppm
Series Resistance	30 K Ω (max)	40 K Ω (max)	50 K Ω (max)
Turnover Temperature	25°C $\pm$ 5°C	25°C $\pm$ 5°C	25°C $\pm$ 5°C
Temperature Coefficient	-0.035 $\pm$ 0.01ppm/C ²	-0.035 $\pm$ 0.01ppm/C ²	-0.035 $\pm$ 0.01ppm/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)

DT38



DT26



DT15

