

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

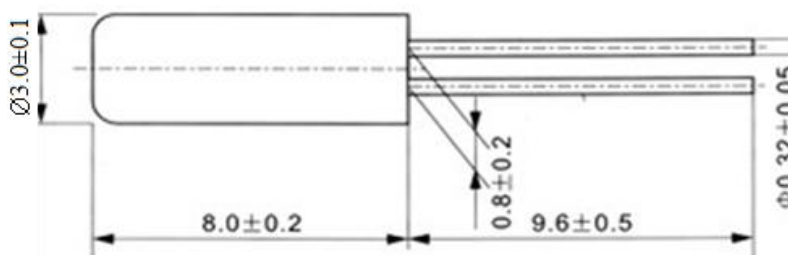
30 - 200 KHz

### ● SPECIFICATION

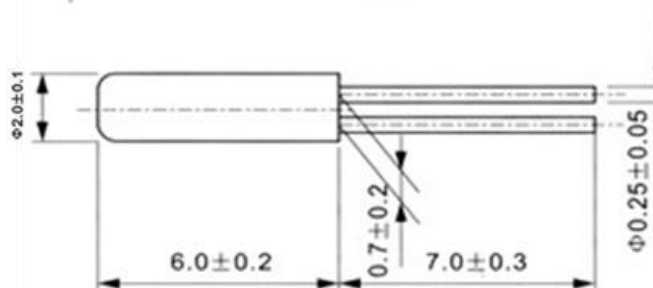
Type	DT38	DT26	DT15
Frequency Range	30 - 100 KHz	30 - 200 KHz	30 - 120 KHz
Load Capacitance	6 pF, 7 pF, 12.5 pF, specify		
Drive Level	1.0 $\mu$ W (max)	1.0 $\mu$ W (max)	1.0 $\mu$ W (max)
Frequency Tolerance	$\pm 5 \sim \pm 20$ ppm (at 25°C)	$\pm 5 \sim \pm 20$ ppm (at 25°C)	$\pm 20$ ppm (at 25°C)
Series Resistance	30 K $\Omega$ (max)	40 K $\Omega$ (max)	50 K $\Omega$ (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 <sup>2</sup>	-0.035 $\pm$ 0.01ppm/C <sup>2</sup>	-0.035 $\pm$ 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	$\pm 5$ ppm (max)	$\pm 5$ ppm (max)	$\pm 5$ ppm (max)
Quality Factor	60000 (typ)	50000 (typ)	50000 (typ)
Insulation Resistance	500 M $\Omega$ (min)	500 M $\Omega$ (min)	500 M $\Omega$ (min)

### ● DIMENSIONS (mm)

DT38



DT26



DT15

