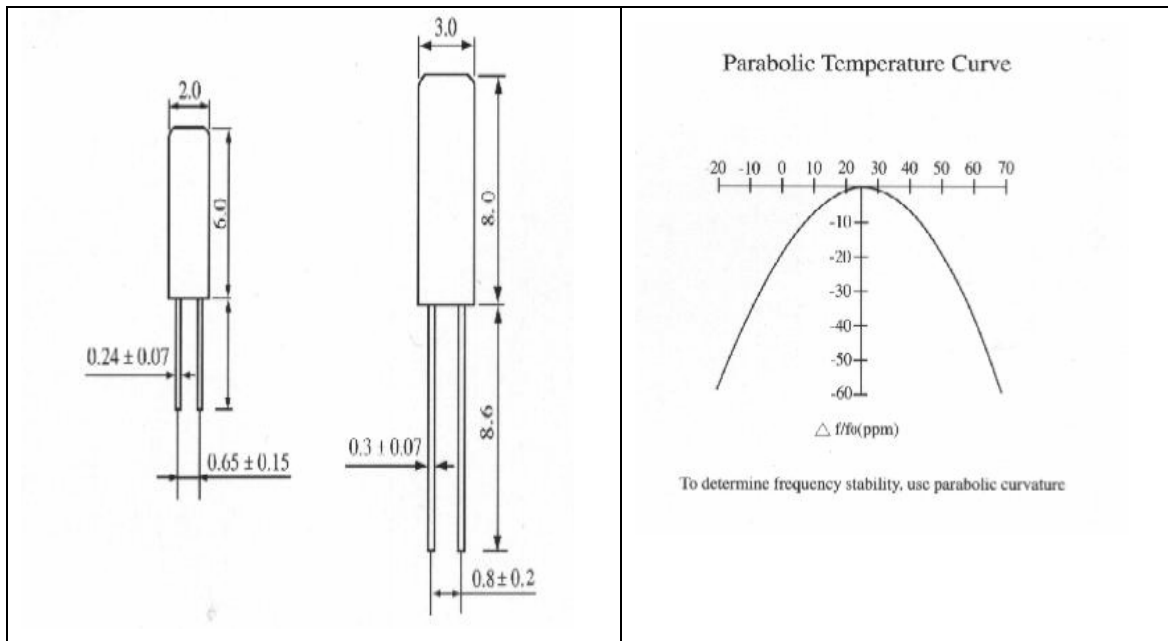
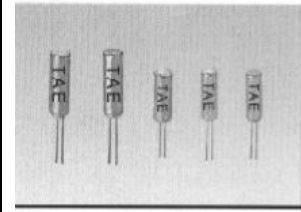


Tuning Fork Units – TDT06 & TDT08

TAE SUNG

● APPLICATIONS

Tuning Fork type crystal generates time keeping clock signal With lowpower consumption and is applied to wide range of equipment,Such as watch & clock,,Audio/Video,Home Application and so on..



Partameter	Symb	Units	Typical	Min	MAX	Condition
Frequency Range	f ₀	KHz	32.768	25.6	200	
Frequency Tolerance	Δf/f ₀	ppm	± 20	± 5	± 100	At25°C
Temperature Coefficient	Δf/f ₀	ppm/(°C) ²	-0.034 ± 0.006			
Turnover Temperature	T _m	°C	25 ± 5			
Operating Temperature Range	T _{OPR}	°C	-10~+60			
Storage Temperature Range	T _{STG}	°C	-40~+85			
Quality factor			90,000TYP			
Series Resistance	R ₁	K Ω	35	20	40	At25°C
Shunt Capacitance	C ₀	pF	1.80(JU308) 1.35(JU206)			
Load Capacitance	C ₁	pF	0.0030TYP			
Motional Capacitance	C _L	pF	12.5	Please specify		
Insulator Resistance	IR	M Ω		500		DC100V ± 15V
Drive Level	DL	μ W			1	
Capacitance ratio	r		450TYP			
Aging	Δf/f ₀	ppm		± 5.0		At25°C ± 3°C