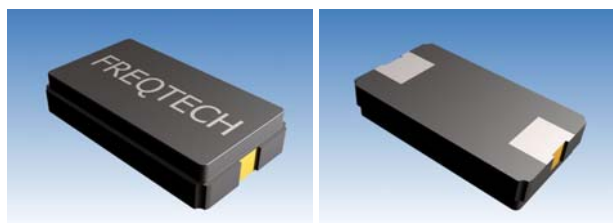


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**FT30A**

Package: ceramic

rohs compliant

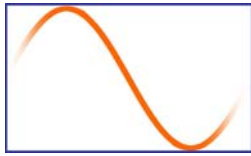


### Electrical specifications

Parameter	Condition	Availability	Standard
Frequency range		6,0 ~ 80,0 MHz	
Frequency stability	@ +25°C	+/- 15 ~ +/- 100 ppm	+/- 50 ppm
Temperature tolerance	@ -20°C ~ +70°C @ -40°C ~ +85°C	+/- 15 ~ +/- 100 ppm +/- 30 ~ +/- 100 ppm	+/- 50 ~ +/- 100 ppm
Operating temperature range		-40 ~ +85 °C	-20 ~ +70 °C
Storage temperature range			-40 ~ +85 °C
Shunt capacitance			7pF
Load capacitance	Customer specified	10 ~ series	16pF
Drive level		300µW max.	100µW
Aging	@ +25°C, per year	-2,0 ~ +2,0ppm	

### Equivalent series resistance + mode of vibration

Frequency range (MHz)	Max. ESR (Ω)	Mode	Frequency range (MHz)	Max. ESR (Ω)	Mode
6,0 – 9,999	100	Fundamental	12,0 – 39,999	50	Fundamental
10,0 – 11,999	80	Fundamental	40,0 – 80,0	70	3rd overtone



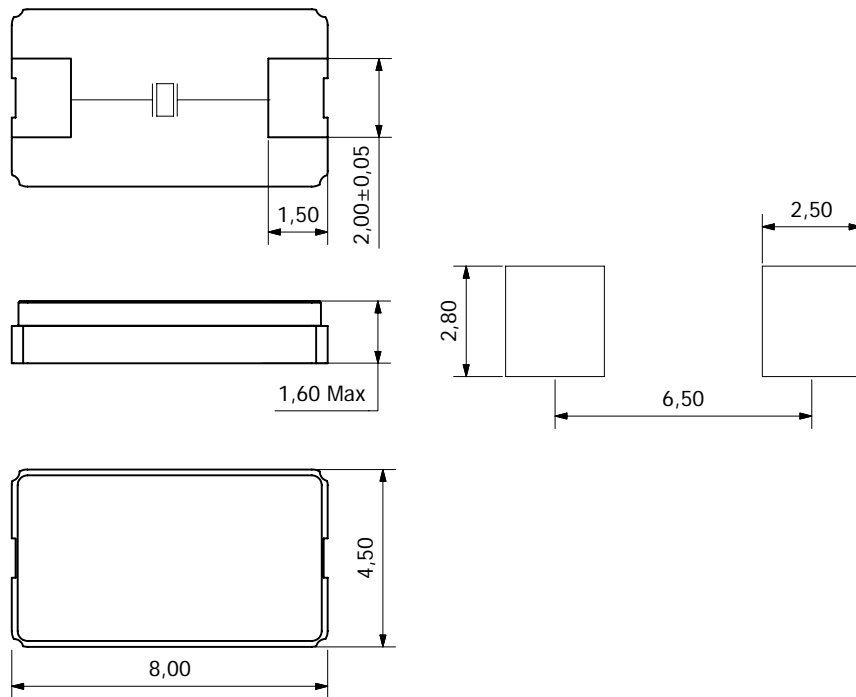
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### Mechanical dimensions (mm)



### Ordering key

Type	- frequency	/ frequency stability	/ load capacitance	- temperature tolerance	/ operating teperature
FT30A	value in MHz	value in ppm	value in pF	value in ppm	27 = -20°C~+70°C
			s for series		48 = -40°C~+85°C