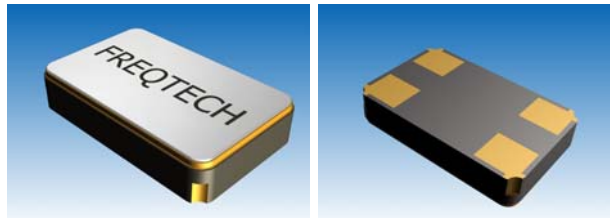


**FT8A**

Package: ceramic base with metal cover  
rohs compliant

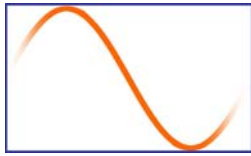


**Electrical specifications**

Parameter	Condition	Availability	Standard
Frequency range		10,0 ~ 80,0 MHz	
Frequency stability	@ +25°C	+/- 10 ~ +/- 50 ppm	+/- 30 ppm
Temperature tolerance	@ -20°C ~ +70°C @ -40°C ~ +85°C	+/- 10 ~ +/- 50 ppm +/- 30 ~ +/- 100 ppm	+/- 30 ~ +/- 50 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		100µW max.	10µW
Aging	@ +25°C, per year	-5,0 ~ +5,0ppm	

**Equivalent series resistance + mode of vibration**

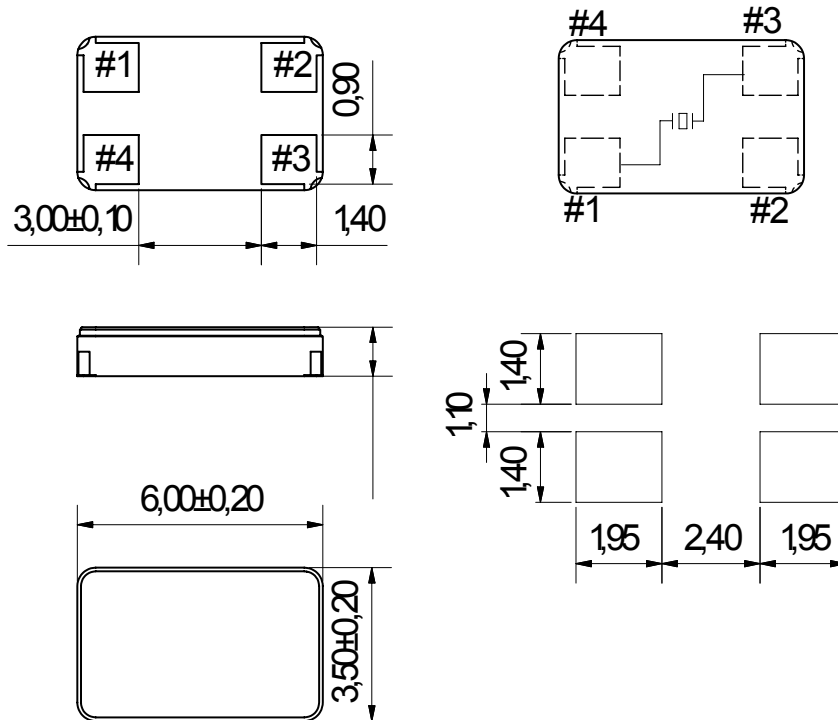
Frequency range (MHz)	Max. ESR (Ω)	Mode	Frequency range (MHz)	Max. ESR (Ω)	Mode
10,0 – 10,999	80	Fundamental	16,0 – 39,999	40	Fundamental
11,0 – 11,999	70	Fundamental	40,0 – 83,999	70	3rd overtone
12,0 – 15,999	60	Fundamental			



**FT8A**

Package: ceramic base with metal cover  
rohs compliant

**Mechanical dimensions (mm)**



**Ordering key**

Type	- frequency	/ load capacitance	- frequency stability	- temperature tolerance	/ operating teperature
FT8A	value in MHz	value in pF	value in ppm	value in ppm	27 = -20°C~+70°C
		s for series			48 = -40°C~+85°C

Ordering key example:

**FT8A-25,0/16-30-30/27**