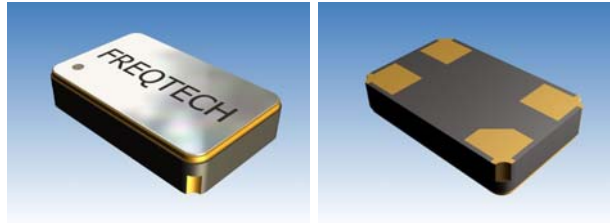


FT14A

Package: ceramic base with metal cover

rohs compliant

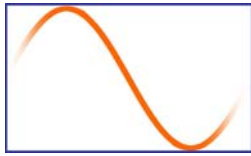


Electrical specifications

Parameter	Condition	Availability	Standard
Frequency range		12,0 ~ 50,0 MHz	
Frequency stability	@ +25°C	+/- 10 ~ +/- 50 ppm	+/- 50 ppm
Temperature tolerance	@ -20°C ~ +70°C @ -40°C ~ +85°C	+/- 10 ~ +/- 50 ppm +/- 20 ~ +/- 100 ppm	+/- 50 ~ +/- 100 ppm
Operating temperature range		-40 ~ +85 °C	-20 ~ +70 °C
Storage temperature range			-40 ~ +85 °C
Shunt capacitance			3pF
Load capacitance	Customer specified	8 ~ 20	16pF
Drive level			100µW
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
12,0 – 19,999	80	Fundamental	26,0 – 32,0	50	Fundamental
20,0 – 25,999	70	Fundamental	32,10 – 50,0	30	Fundamental



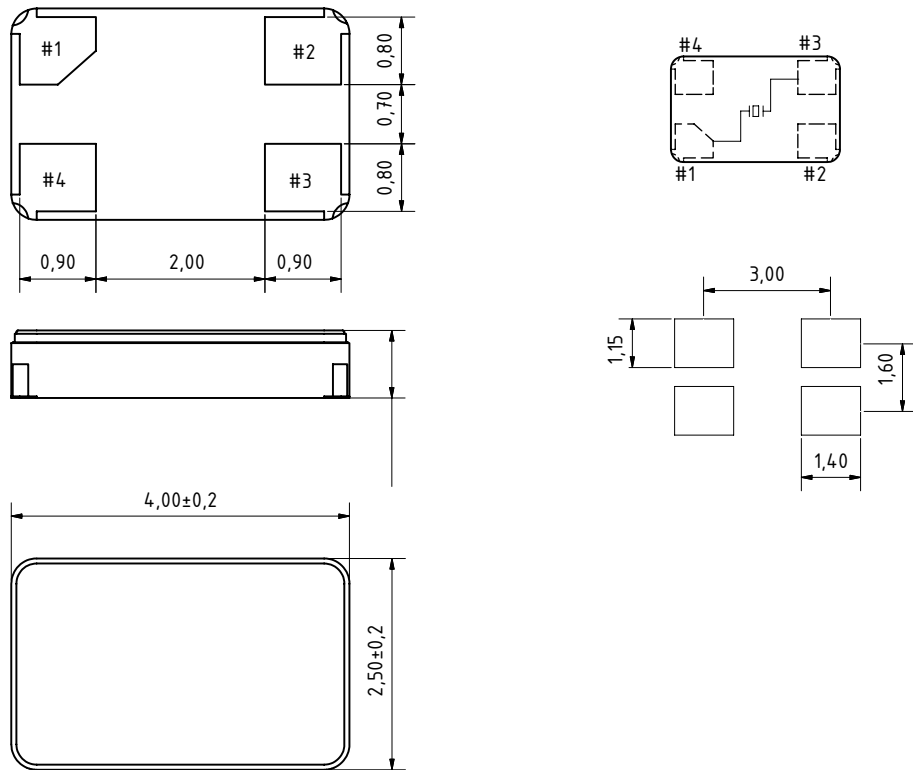
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FT14A

Package: ceramic base with metal cover

rohs compliant

Mechanical dimensions (mm)



Ordering key

Type	- frequency	/ frequency stability	/ load capacitance	- temperature tolerance	/ operating temperature
FT14A	value in MHz	value in ppm	value in pF s for series	value in ppm	27 = -20°C~+70°C 48 = -40°C~+85°C