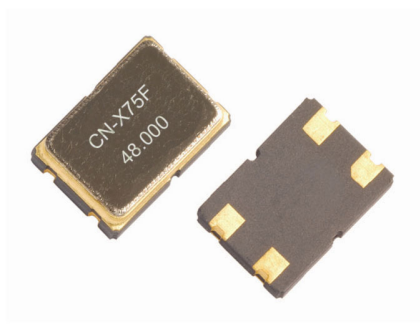


**X75F**



**Description:**

- Ultra-Miniature Package
- Disc Drives
- Highly Precise
- PCMCIA
- Tape and Reel
- PC's
- Reflow Soldering
- Hand-Held Equipment

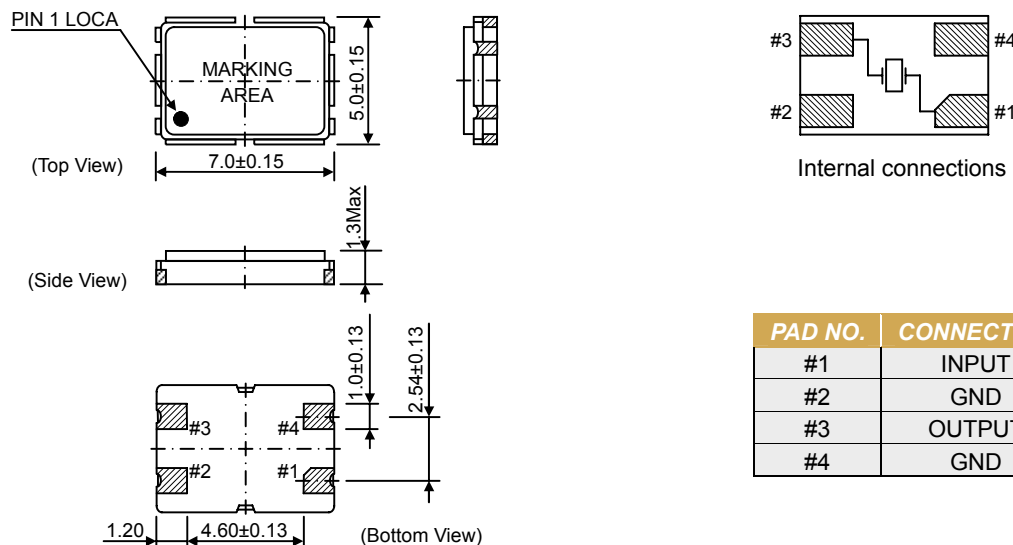
**Performance Characteristics**

Parameter		X75F	
Frequency Range	F <sub>0</sub>	8.000MHz~36.000MHz	27.000MHz~100.000MHz
Mode of Vibration		Fundamental	3rd Overtone
Resonance Resistance	R <sub>r</sub>	60Ω	80Ω
Frequency Tolerance (at 25°C)		±5×10 <sup>-6</sup> ~±30×10 <sup>-6</sup>	
Storage Temperature Range	T <sub>STG</sub>	-55°C~+125°C	
Shunt Capacitance	C <sub>0</sub>	7pF Max	
Load Capacitance	CL	9.5pF~100pF or Series	
Insulation Resistance	IR	>500MΩ DC/100V±10V	
Drive Level	DL	0.01mW~0.1mW	
Aging	Fa	±3×10 <sup>-6</sup> ~±5×10 <sup>-6</sup> /year	

**Frequency Stability Over Temperature Range**

Temperature Range	Frequency Stability				
	O:±10×10 <sup>-6</sup>	P:±15×10 <sup>-6</sup>	Q:±20×10 <sup>-6</sup>	S:±30×10 <sup>-6</sup>	T:±50×10 <sup>-6</sup>
A:0°C~+50°C	●	●	●	●	●
B:-10°C~+60°C	●	●	●	●	●
C:-20°C~+70°C		●	●	●	●
G:-40°C~+85°C			●	●	●

**Outline Drawing (mm)**



PAD NO.	CONNECTION
#1	INPUT
#2	GND
#3	OUTPUT
#4	GND