

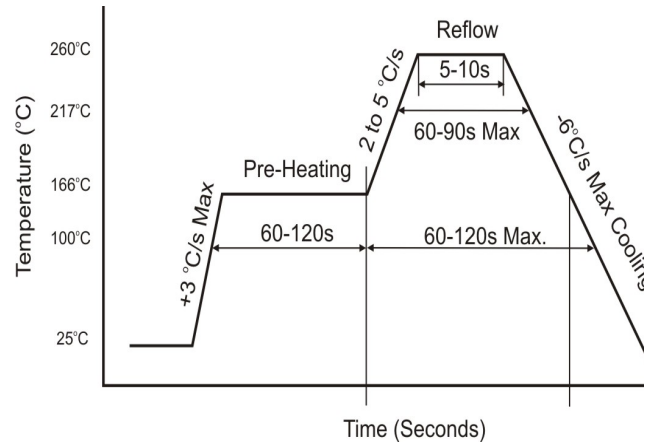
### Standard Specifications

Parameter	Symbol	Specification	Remarks
Frequency Range	$f_0$	36.0 to 80.0 MHz	Fundamental Mode
Frequency Tolerance	$\Delta f/f$	$\pm 30$ PPM (Standard)	at 25°C with 50 $\mu$ W (Available to $\pm 7$ PPM)
Frequency Stability	Over OTR	$\pm 30$ PPM (Standard)	$\pm 10$ PPM Available
Operating Temperature Range	$T_{OPR}$	-20°C to +70°C	-40°C to +125°C also available
Storage Temperature Range	$T_{STG}$	-40°C to +85°C (Std)	-55°C to +125°C also available
Load Capacity	$C_L$	6pF - 16pF	Please specify
Drive-Level	$D_L$	50.0 $\mu$ W Typ.	100 $\mu$ W Max
Shunt Capacitance	$C_0$	3.0pF Typ.	
Insulation Resistance	$I_R$	500M $\Omega$ Min.	At 100V <sub>DC</sub>
Ageing	Fa	$\pm 2.0$ PPM	at 25°C $\pm 3$ °C 1st Year
Standard Reel Size		3000pcs/Reel	

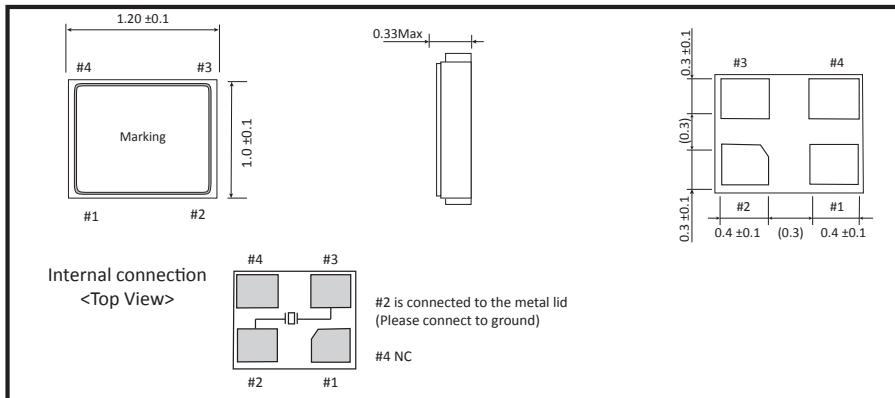
Frequency Range	Mode	ESR	Reflow Solder Condition (260°C)
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36.00 to 39.99 MHz	Fundamental	150 $\Omega$	
40.00 to 47.99 MHz	Fundamental	80 $\Omega$	
48.00 to 80.00 MHz	Fundamental	60 $\Omega$	

- **Worlds Smallest AT-Cut Crystal!**
- Only 0.33mm thick
- OTR -40C to +125C Available



### Dimensions



### Recommended Solder Pattern

