

# SOC0705

## SMD Crystal Oscillator

### Application

- IT Applications
- Tele Communications
- Data Communications
- Automotie Electronics

### Feature

- Small Size 7.0x5.0x1.75mm
- Supply Voltage 3.3V & 5.0V
- Available in Tristate (Control via pin 1)
- Ceramic Surface Mounted
- Lead Free Available
- RoHS Compliant

### Specification

Model	SOC0705
Frequency Range, MHz	0.5 ~ 125.0
Supply Voltage, V	+3.3 $\pm$ 5%, +5.0 $\pm$ 5%
Enable/Disable Tristate	Yes, control via Pin 1
Frequency Stability, PPM	$\pm$ 25 ~ $\pm$ 100
Operating Temp, °C	0 ~ +70 (-40 ~ +85 is available)
Storage Temp, °C	-40 ~ +85
Output Symmetry, %	40 ~ 60 (*45 ~ 55 is available)
Start up Time, ms	10
Aging, PPM	$\pm$ 5
Package	Tape/Reel

### Standart Frequencies

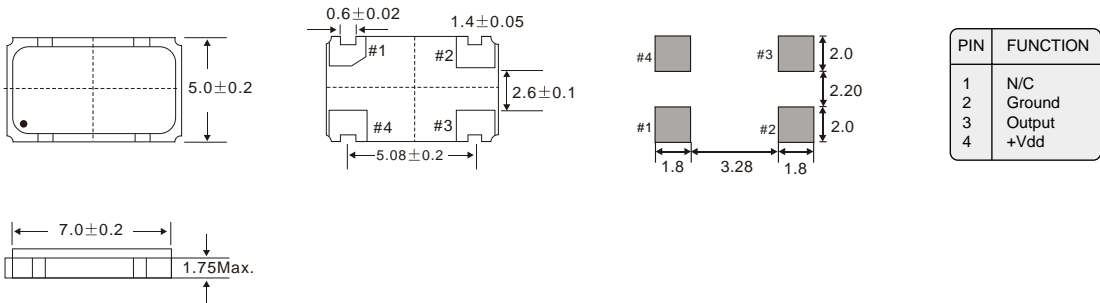
Standart Frequencies in MHz			
1.84320	11.05920	27.00000	54.00000
2.00000	12.00000	29.49120	60.00000
3.68640	14.31818	30.00000	64.00000
4.00000	16.00000	32.76800	66.66600
5.00000	16.38400	33.86880	70.00000
6.14400	18.43200	36.86400	80.00000
7.37280	20.00000	40.00000	100.00000
8.00000	24.00000	44.23680	106.25000
9.60000	24.57600	48.00000	125.00000
10.00000	25.00000	50.00000	

*Other frequencies available. Please consult our sales office.*

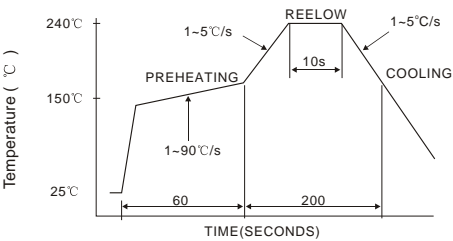
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### Surface Mount, dimension (mm)



### Soldering Reflow Profile



### Package

Standart package in T/R: 1000pcs/Reel,  
2 Reel/box, 5 box/carton

### Part Number Guide

Model	Type	Frequency, MHz	Voltage, V	Frequency Stability, ppm	Pulling, Ppm	Op Temp Range, °C	Tri-state
SOC	0705	25.120	T = 5.0 TTL	A = ±10	A = 100 B = 50 C = 150 S = 75	1 = 0 ~ +70 2 = -10 ~ +60 3 = -20 ~ +70 4 = -20 ~ +80 5 = -40 ~ +85 6 = -40 ~ +105 0 = other	T = Yes N = No
			C = 5.0 CMOS	B = ±15			
			L = 3.3	C = ±20			
			TTL&CMOS	D = ±25			
			A = 3.3	E = ±30			
			ACMOS/LSTTL	F = ±50			
				G = ±100			
				O = other			