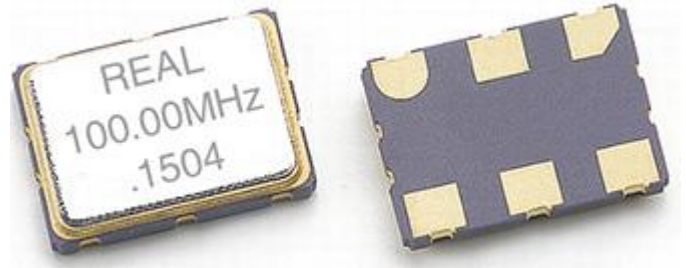


LVDS 7050SMD 6PAD OSCILLATORS

Features:

- . Typical 7.0*5.0*1.75 mm 6 pads ceramic SMD package.
- . Very low jitter performance: typical 0.3 pS RMS from 12k-20MHz.
- . Wide frequency control range.
- . Complementary Output.
- . Tri-state enable / disable

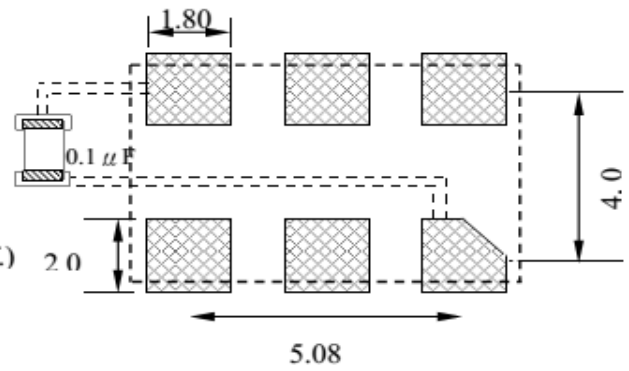
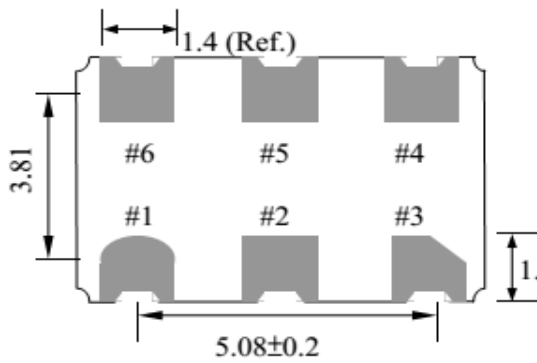
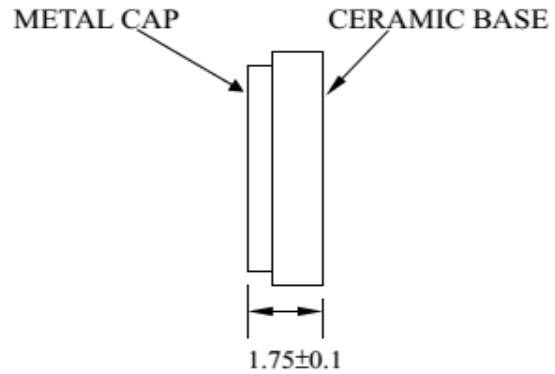
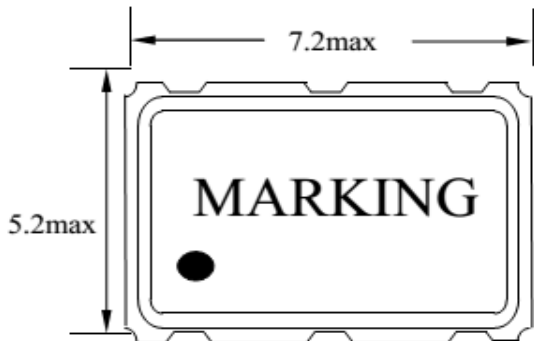


Specification:

Parameter	Unit	LVDS 7050SMD 6PAD			
		3.3V		2.5V	
		Min.	Max.	Min.	Max.
Supply Voltage Variation(VDD) ±5%	V	3.135	3.465	2.375	2.625
Frequency Range	MHz	1.5	200	65	200
Standard Frequency		77.76 , 106.25 , 122.88 , 125 , 155.52 , 156.25 , 200			
Absolute Pulling Range (APR)	PPM	±50	--	±50	--
Control Voltage Range	V	0.3	3.0	0	2.5
Supply Current 1.5 MHz ≤ Fo < 65 MHz	mA	--	45	--	45
65 MHz ≤ Fo ≤ 200 MHz		--	80	--	80
Output Level Output High (Logic"1")	V	--	1.6	--	1.6
Output High (Logic"0")		0.9	--	0.9	--
Transition Time : Rise/Fall Time+	nSec	--	1.0	--	1.0
Start Time	mSec	--	3	--	3
Tri-State (input to Pin 2, Enable Low)					
Enable (Low voltage ro floating)	V	--	0.99	--	0.75
Disable (High voltage ro GND)		2.31	--	1.75	--
Linearity	%	--	10	--	10
Modulation Bandwidth(BW)	KHz	25	--	25	--
Input Impedance	kΩ	5000	---	5000	---
RMS Phase Jitter (Integrated12~20MHz)					
Fo < 100MHz	pSec	--	1	--	1
Aging (@25°C 1st year)	PPM	±3	--	±3	--
Storage Temp. Range	°C	-55	125	-55	125

*Inclusive of 25°C ±3°C & Operating Temperature Range

Dimensions:

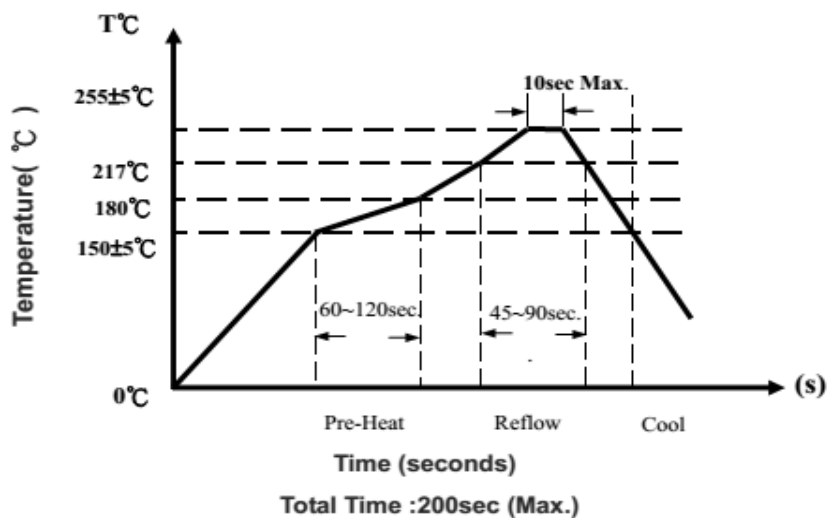


< TOP VIEW >

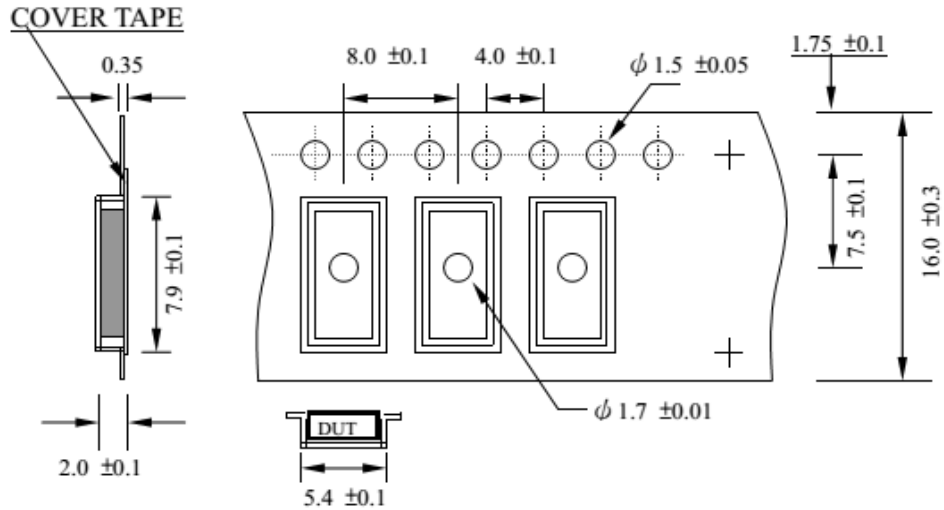
(Recommended Land Pattern)

# NO.: Pin define		
#6: VDD	#5: Comp Output	#4: Output
#1: Vcon	#2: Tri-State	#3: GND

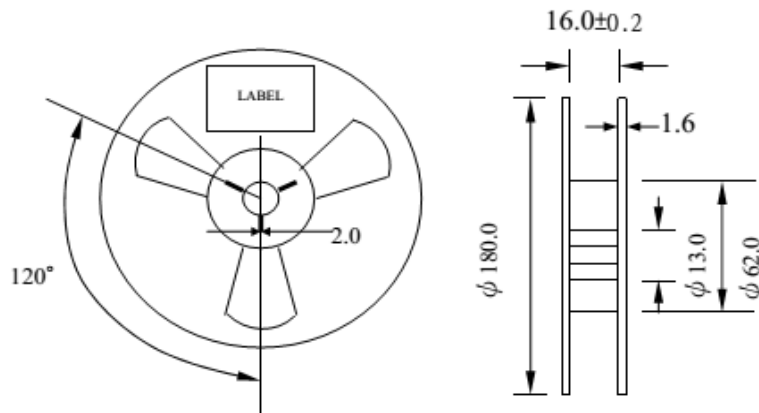
Reflow Temperature Profile:



Tape specification (mm):



Reel packing (mm):



TOLERANCE : ±0.2(mm)