

1. Scope

This specification is for ceramic SMD oscillators.

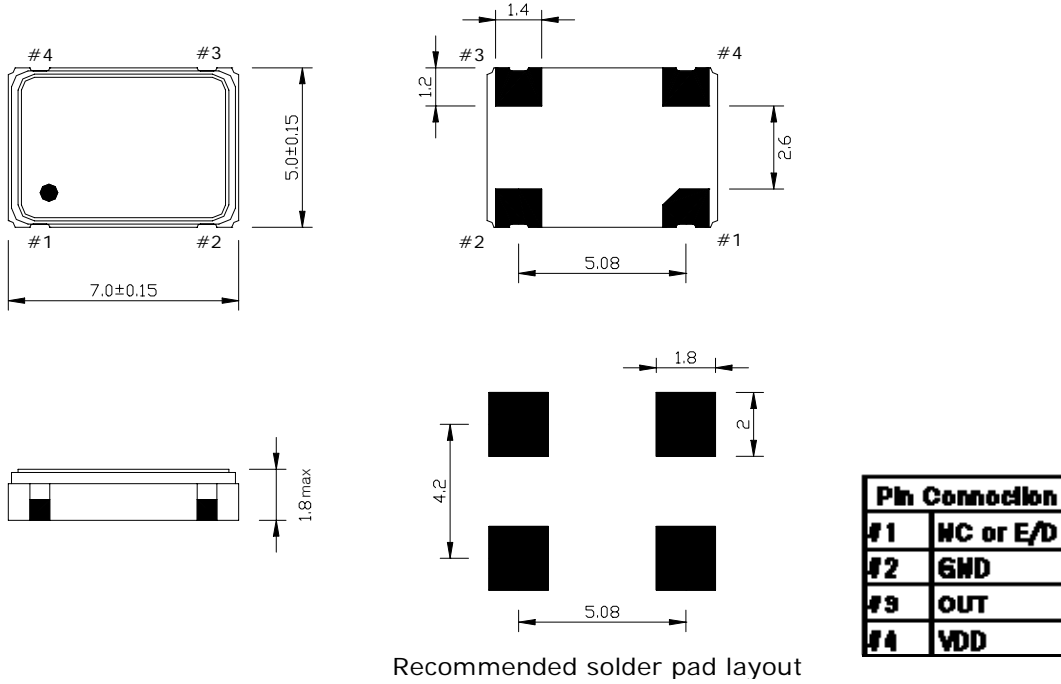
2. Application standards

MIL-STD-883

3. Specification

Item	Symbol	Content	
Part No.		LTO-103 (7050 OSC)	
Frequency	f_o	108.000000MHz	
Supply voltage	V_{DD}	$3.3V \pm 10\%$	
Temperature range	Storage	T_{STG}	-40 to 85°C
	Operating	T_{OPR}	-40 to 85°C
Frequency stability	$\Delta f/f_o$	$\pm 50\text{ppm}$	
Current consumption	I_{op}	50mA max	
Duty cycle	t_w/t	$50 \pm 10\%$	
Output voltage	High	V_{OH}	$V_{DD} - 10\%V_{DD}$ min
	Low	V_{OL}	$10\%V_{DD}$ max
Rise and fall time	t_R/t_F	10ns max	
Output load condition	C_L	15pF	
Aging	f_a	$\pm 3\text{ppm/year}$	
Start up time	t_{osc}	10ms max	
Pin 1 Tri-state	2.0V(min)		Enable
	0.8V(max)		Disable
Remark			

4. Outline Dimensions(mm)



5. Packing Dimensions(mm)

