

SX7CH OSCILLATOR



Specifications

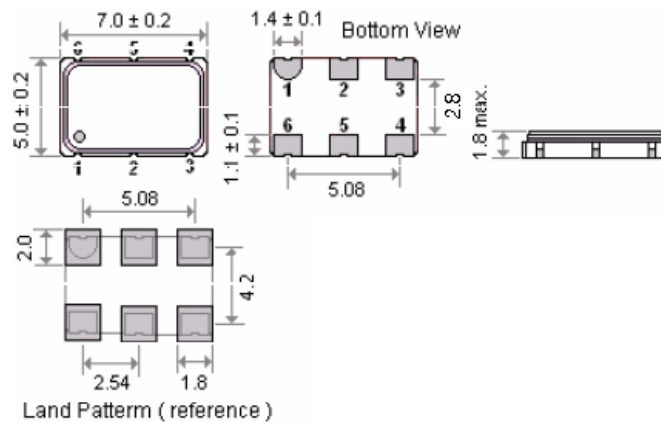
Parameters	Standard	Options
Frequency range	125.01 MHz - 800 MHz	
Logic output	LVCMOS	
Frequency stability		
Overall	+/- 50,0 ppm	+/-25 ppm best possible
Initial at 25°C	Please specify	
Temperature		
vs supply voltage change		
vs load change		
Aging first year		
Aging over Years		
Operating temperature	0° C ~ +70°C	-20°C ~ +70°C
		-40°C ~ +85°C
		Other on custom request
Storage temperature	-40°C ~ +85°C	-55°C ~ +125°C
Supply voltage	3,3 V +/-5%	2,5 V +/-5% up to 320 MHz
Current	40mA max	
Load	15 pF	
Rise/fall time	2.4 ns typ.	
Duty cycle	45/55 %	
Phase noise	Please specify (if required)	
Harmonics		
Sub-harmonics		
Jitter		

SX7CH OSCILLATOR

Specifications

Parameters	Standard	Options
Start-up time	10 ms max.	
Tristate	High or open = enable Low = disable	no tristate
Marking	Freq + Code + Week +Year	
Package	SX7 6 pad , E/D pad 1	SX7 6 pad , E/D pad 2

Drawing



Pad configuration	#1: E/D	#1: NC
	#2 : NC	#2 : E/D
	#3 : GND	#3 : GND
	#4 : Output	#4 : Output
	#5 : NC	#5 : NC
	#6 : Vcc	#6 : Vcc