

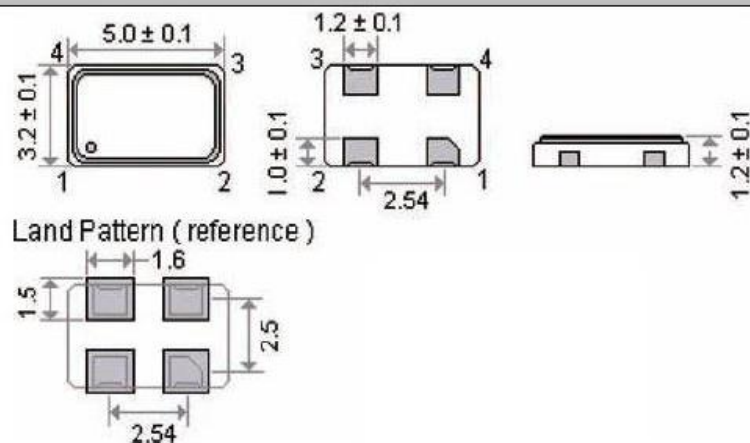
SX5SV OSCILLATOR



Specifications

Parameters	Standard	Options
Frequency range	10,0 MHz - 800 MHz	
Logic output	True Sine Wave	
Frequency stability		
Overall	+/- 100 ppm	+/-15 ppm
Initial at 25°C	included in overall tolerance	
Temperature		
vs supply voltage change		
vs load change		
Aging first year		
Operating temperature	0° C ~ +70°C	-20°C ~ +70°C -40°C ~ +85°C Other on custom request
Storage temperature	-55°C ~ +125°C	
Supply voltage	3.3 V +/-5% , 5.0 V +/-5%	
Current	20 mA typical	
Load	50 ohm (internally AC coupled)	
Output Level	+3.0 dB min +/-1 dB	+5.0 dB min +/-1 dB
Start-up time	6 ms typ.	
Harmonics	<-30 dBc (frequency dependent)	
Linearity	± 10% max.	
Frequency tuning range	± 80 ppm min	
Pulling slope	Positive	
External control voltage	+ 1,65 VDC ±1,65 VDC , + 2.50 VDC ±2,50 VDC	
Package	SX5 4 pad	

Drawing



Pin configuration	4 pad version	
	#1: Control Voltage	
	#2 : GND	
	#3 : Output	
	#4 : Vcc	