

SX2SVT OSCILLATOR



Specifications

Parameters	Standard	Options
Frequency range	14,400 MHz - 30,0 MHz	
Logic output	Clipped sinewave	
Frequency stability		
Overall		
Initial at 25°C	+ - 0,5 ppm	
Temperature	+ - 2,5 ppm	
vs supply voltage change	+ - 0,2 ppm	
vs load change		
Aging first year	+ -1,0ppm	
Aging over Years		
Operating temperature	-20°C ~ +75°C	-40°C ~ +85°C
		Other on custom request
Storage temperature	-40°C ~ +85°C	-55°C ~ +125°C
Supply voltage	2,6 ~ 3,0 V +-5%	
Current	2,0 mA max	
Load	10 Kohm // 10 pF	Other on custom request
Jitter	Please specify (if required)	
Phase noise		
Harmonics		
Sub-harmonics		
Start-up time	4 ms max.	
Marking	Freq + Code + Week +Year	

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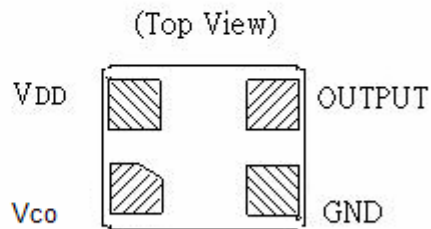
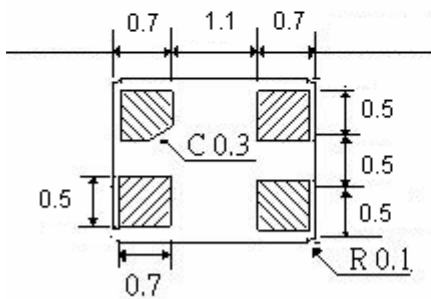
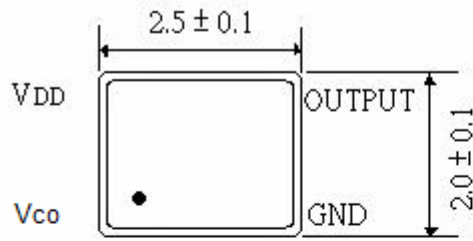
Specifications

Voltage Control

External control voltage	+ 1,50 VDC \pm 1,00 VDC	
Linearity	\pm 10% max.	
Frequency tuning range	\pm 5 ppm ~ \pm 15 ppm	Other on custom request
Pulling slope	Positive	

Drawing

Package	SX2 4pad	
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Metal lid is connected to GND

Pin configuration	#1 : Vco	
	#2 : GND	
	#3 : Output	
	#4 : Vcc	