

SX3ST OSCILLATOR



Specifications

Parameters	Standard	Options
Frequency range	10,000 MHz - 40,0 MHz	
Logic output	Clipped sinewave	
Frequency stability		
Initial at 25°C	± 1.0 ppm	
Temperature	± 3.0 ppm	± 0.5 ppm
vs supply voltage change	± 0.3 ppm	
vs load change	± 0.3 ppm	
Aging first year	± 1.0 ppm	
Operating temperature	-30° C ~ +75°C	-30°C ~ +85°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% ;2.8 V ±5% ;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.	Other on custom request
Marking	Freq + Code + Week +Year	

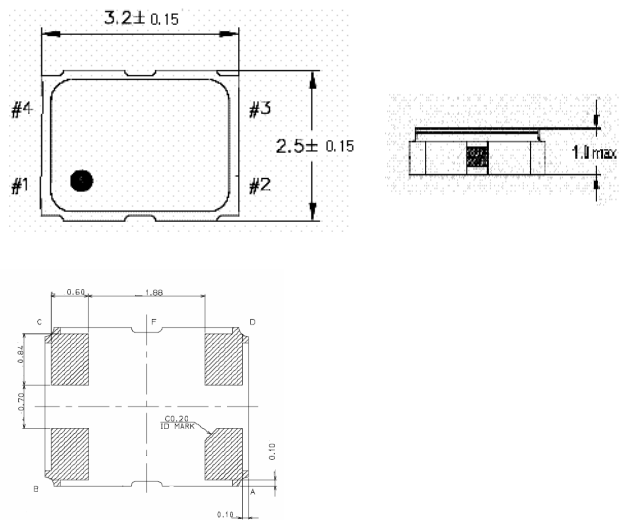
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Voltage Control Options		
External control voltage	1/2 VDC \pm 1,0 VDC	Other on custom request
Linearity	\pm 10% max.	Other on custom request
Frequency tuning range	\pm 9 ppm to \pm 15 ppm	Other on custom request
Pulling slope	Positive	Other on custom request

Drawing

Package	SX3 4pad
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Pin configuration	#1 : NC / Vco
	#2 : GND
	#3 : Output
	#4 : Vcc