

SX7ST OSCILLATOR



Specifications

Parameters	Standard	Options
Frequency range	10,000 MHz - 52,0 MHz	
Logic output	Clipped sinewave	Sinewave
Frequency stability		
Overall	+/-3,0 ppm	+/-1 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%	5,0 V ± 5% ; 3,0 V ±5%
		Other on custom request
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
Tristate	High or open = enable	no tristate
	Low = disable	
Marking	Freq + Code + Week +Year	
Voltage Control Options		
External control voltage	+ 1,65 VDC ±1,65 VDC (3,3V)	Other on custom request
	+2,5 VDC ±2,5 VDC (5,0V)	
Linearity	± 10% max.	Other on custom request
Frequency tuning range	± 10 ppm	Other on custom request
Pulling slope	Positive	Other on custom request

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Drawing

Options

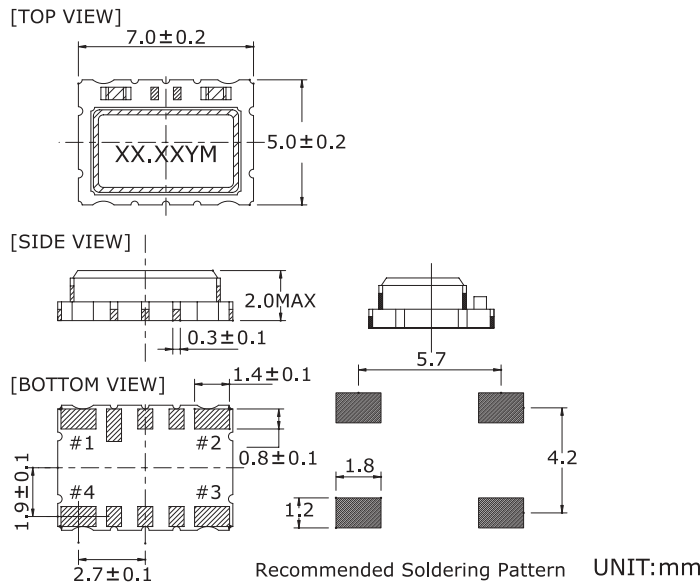
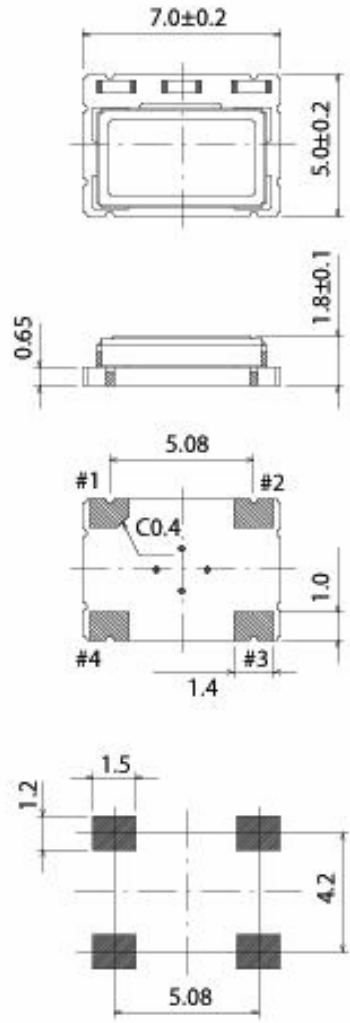
Package

SX7 4pad

SX7 with programming pads

SX7 4pad

SX7 with programming pads



Pin configuration

#1 : NC / Vco
#2 : GND
#3 : Output
#4 : Vcc
A,B,C,D programmable pads

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