

SX3CT OSCILLATOR



Specifications

Parameters	Standard	Options
Frequency range	10,0 MHz - 30,000 MHz	
Logic output	HCMOS	
Frequency stability		
Initial at 25°C	± 2.0 ppm	± 0.5 ppm best possible
Temperature	± 3.0 ppm	
vs supply voltage change	± 0.3 ppm	
vs load change	± 0.3 ppm	
Aging first year	± 1.0 ppm	
Operating temperature	0° C ~ +70°C	-20°C ~ +70°C -30°C ~ +75°C Other on custom request
Storage temperature	-40°C ~ +85°C	-55°C ~ +125°C
Supply voltage	3,3 V ± 5%	2,8 V , 3,0 V , 5,0 V
Current	20,0 mA max	
Duty Cycle	45 / 55 %	
Rise/fall times	6 ns max.	
Load	15 pF	
Jitter	Please specify (if required)	
Phase noise		
Harmonics		
Sub-harmonics		
Start-up time	5 ms max.	Other on custom request
Marking	Freq + Code + Week +Year	
Voltage Control Options		
External control voltage	+1,5 VDC ±1,0 VDC	Other on custom request
Linearity	± 10% max.	
Frequency tuning range	± 5 ppm min	Other on custom request
Pulling slope	Positive	

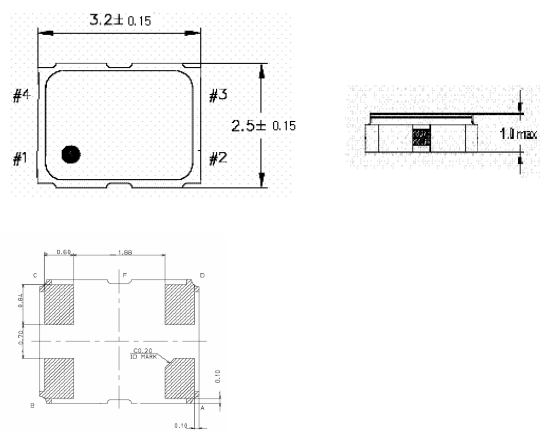
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Specifications

Drawing

Package

SX3



pin configuration

#1 : NC or Vco

#2 : GND

#3 : Output

#4 : Vcc