

S4CTF OSCILLATOR



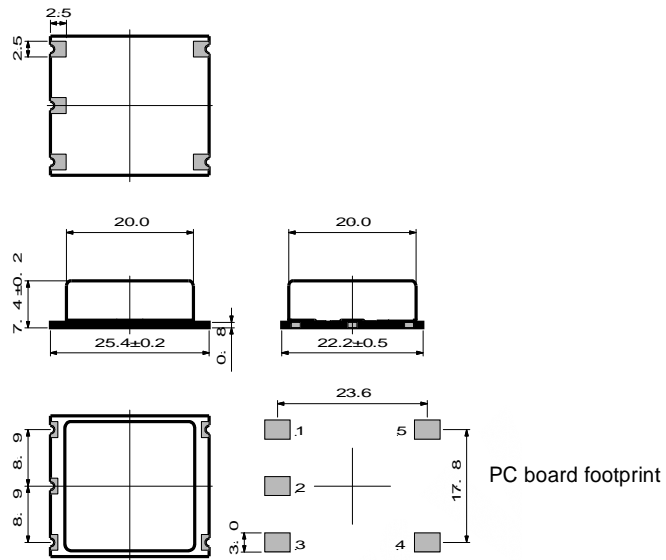
Specifications

Parameters	Standard	Options
Frequency range	5 MHz - 52 MHz	
Logic output	HCMOS/TTL compatible	
Frequency stability		
Initial at 25°C	± 0,5 ppm	
Temperature	± 0,1 ppm 0° to +70°C / ± 0,2 ppm -40° to +85°C	
Aging over 1 year	± 0,5 ppm	
Load change ± 10%	± 0,1 ppm	
Voltage change ± 5%	± 0,1 ppm	
Operating temperature	0° C ~ +70°C	-40°C ~ +85°C
Storage temperature	-40°C ~ +85°C	
Supply voltage	5,0 V ± 5%	3,3 V ± 5%
Current	20 mA max.	15 mA max.
Load	15 pF or 2 TTL	
Rise/fall time	5 ns max.	
Duty cycle	45 / 55 %	
Start-up time	10 ms max.	
Marking	Freq + Code + Week +Year	
Voltage Control Options		
External control voltage	+ 2,5 VDC ±2,0 VDC (5,0V)	+ 1,65 VDC ±1,65 VDC (3,3V)
Linearity	± 10% max.	
Frequency tuning range	± 5 ppm	Other on custom request

S4CTF OSCILLATOR

Specifications

Drawing		
Package	S4	



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