



S4CSTR STRATUM III OSCILLATOR

Specifications

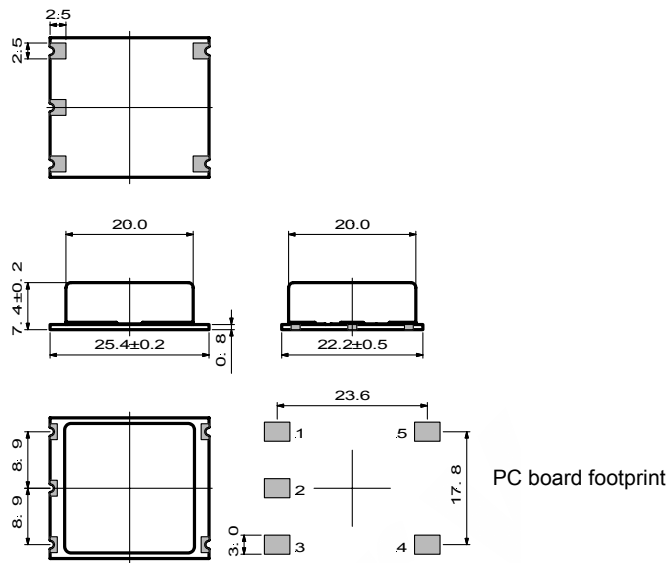
Parameters	Standard	
Frequency range	1,5 MHz - 40 MHz	STRATUM III
Logic output	HCMOS/TTL compatible	
Frequency stability		
Overall over 20 years	± 4,6 ppm	
Initial at 25°C	± 0,5 ppm	
Temperature	± 0,28 ppm	
Aging over 20 years	± 3,5 ppm	
Voltage change ± 5%	± 0,1 ppm	
24 hours drift	± 0,04 ppm	
24 hours holdover mode	± 0,37 ppm , full temp. range and Vcc ± 1%	
Operating temperature	0° C ~ +70°C	-20° C ~ +70°C
		-40° C ~ +85°C
Storage temperature	-40°C ~ +85°C	
Supply voltage	3,3 V ± 5%	
Current	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.	
Tristate control	no tristate	High or open = enable Low = High Z
Marking	Freq + Code + Week +Year	

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Drawing

Package	S4	
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Pin configuration	#1: NC	
	#2 : NC / E/D	
	#3 : Vcc	
	#4 : Output	
	#5 : GND	