

SPS2T OSCILLATOR



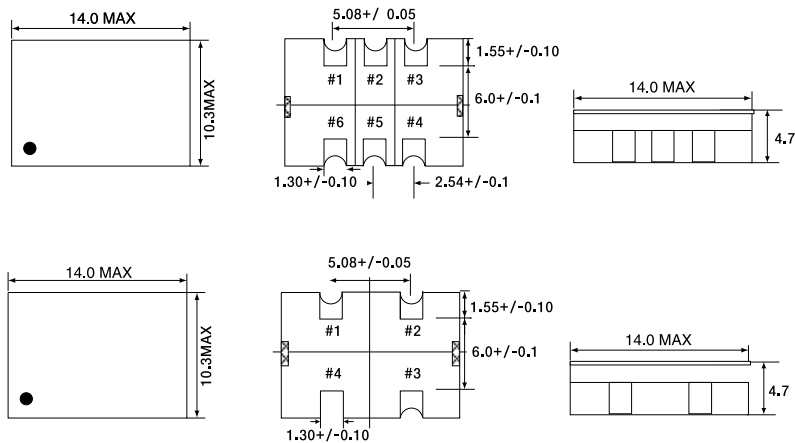
Specifications

Parameters	Standard	Options
Frequency range	10,000 MHz - 80,0 MHz	
Logic output	Clipped sinewave	Sinewave
Frequency stability		
Overall	+- 3,0 ppm	+-1,0 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%
		Other on custom request
Current	2,0 mA max	
Load	10 Kohm // 10 pF	Other on custom request
Jitter (12kHz ~ 20,0 MHz)	3-4 ps typ.	Other on custom request
Phase noise	Please specify (if required)	
Harmonics		
Sub-harmonics		
Start-up time	10 ms max.	Other on custom request
Marking	Freq + Code + Week +Year	

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Voltage Control Options		
External control voltage	+ 1,65 VDC \pm 1,65 VDC (3,3V) +2,5 VDC \pm 2,5 VDC (5,0V)	Other on custom request
Linearity	\pm 10% max.	Other on custom request
Frequency tuning range	\pm 10 ppm	Other on custom request
Pulling slope	Positive	Other on custom request
Drawing		Options
Package	SP2 4pad	SP2 6pad
		Other SP2 package dimensions available



Pin configurations	#1 : NC / Vco	#1 : NC / Vco
	#2 : GND	#2 : E/D or NC
	#3 : Output	#3 : GND
	#4 : Vcc	#4 : Output
		#5 : NC
		#6 : Vcc