

SPE2 OSCILLATOR



Specifications

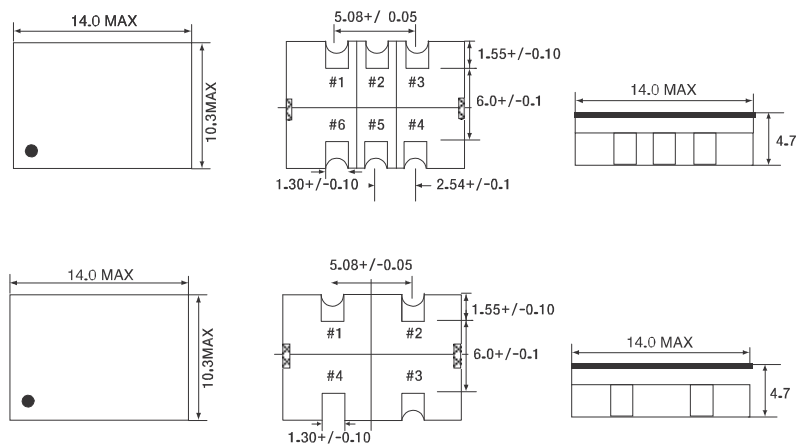
Parameters	Standard	Options
Frequency range	19,440 MHz - 850 MHz	
Logic output	LVPECL	PECL
Frequency stability		
Overall	+/- 50,0 ppm	+/-15,0 ppm best possible
Initial at 25°C	Please specify	
Temperature		
vs supply voltage change		
vs load change		
Aging first year		
Aging over Years		
Operating temperature	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	80 mA max	
Load	Vcc-2,0 V into 50 ohm	
Rise/fall time	2 ns max , depends on frequency	
Duty cycle	40/60 %	45/55 %
		Other on custom request
Jitter (12kHz ~20,0 MHz)	4ps RMS max	0.5ps - 1.0ps RMS max
Phase noise	Please specify (if required)	
Harmonics		
Sub-harmonics		

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Parameters	Standard	Options
Start-up time	10 ms max.	Other on custom request
Tristate	no tristate	low or open = enable high = disable
Marking	Freq + Code + Week +Year	
Package	SP2 4pad	SP2 6pad
		Other SP2 package dimensions available

Drawing



Pin configuration	6 pad version	4 pad version
	#1: NC	#1: Complementary output
	#2 : E/D	#2 : GND
	#3 : GND	#3 : Output
	#4 : Output	#4 : Vcc
	#5 : Complementary output	
	#6 : Vcc	