

SPE2F OSCILLATOR



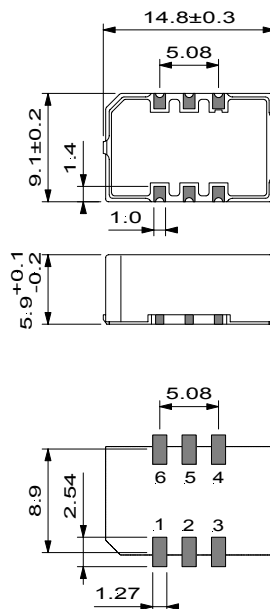
Specifications		
Parameters	Standard	Options
Frequency range	16 MHz - 400 MHz	
Logic output	LVPECL	PECL
Frequency stability		
Overall	+/- 50 ppm	+/-15 ppm best possible
Initial at 25°C	Please specify	
Temperature		
vs supply voltage change		
vs load change		
Aging first year		
Aging over Years		
Operating 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	70 mA max	
Load	Vcc-2,0 V into 50 ohm	
Rise/fall time	0,5 ns max	Other on custom request
Duty cycle	40/60 %	45/55 %
		Other on custom request
Jitter (12kHz ~ 5,0 MHz)	0,5 ps RMS	
Jitter (50kHz ~ 80,0 MHz)	1 ps RMS	
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	low or open = enable high = disable	no tristate
Marking	Freq + Code + Week +Year	
Package	SP2F 6 pad	

Drawing



Pin configuration	#1: NC	other on custom request
	#2 : E/D	
	#3 : GND	
	#4 : Output	
	#5 : Complementary output	
	#6 : Vcc	