

KPL OSCILLATOR



Specifications

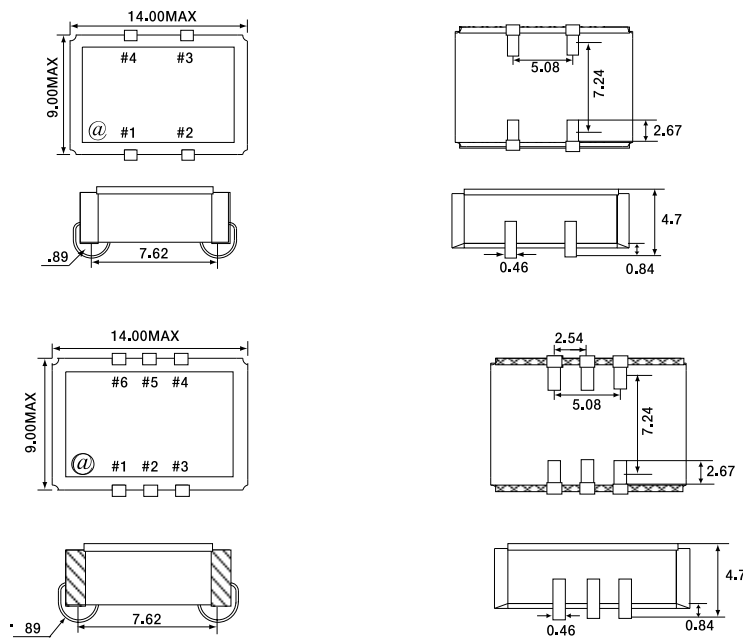
Parameters	Standard	Options
Frequency range	19,440 MHz - 700,0 MHz	
Logic output	LVDS	
Frequency stability		
Overall	+/- 50,0 ppm	+/-15,0 ppm best possible
Initial at 25°C	Please specify	
Temperature		
vs supply voltage change		
vs load change		
Aging first year		
Aging over Years		
Operating temperature	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%	Other on custom request
Current	40 mA max	
Load	100 ohms	
Rise/fall time	1 ns max	Other on custom request
Duty cycle	40/60 %	45/55 %
		Other on custom request
Jitter (12kHz ~20,0 MHz)	< 184,320 MHz : 1ps RMS	Other on custom request
	> 184,320 MHz : 4,5 ps RMS	
Phase noise	Please specify (if required)	
Harmonics		
Sub-harmonics		

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Start-up time	10 ms max.	Other on custom request
Tristate	High or open = enable Low = disable	no tristate
Marking	Freq + Code + Week +Year	
Package	ceramic J-lead 6pad	ceramic J-lead 4pad

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	