

SP5CV OSCILLATOR



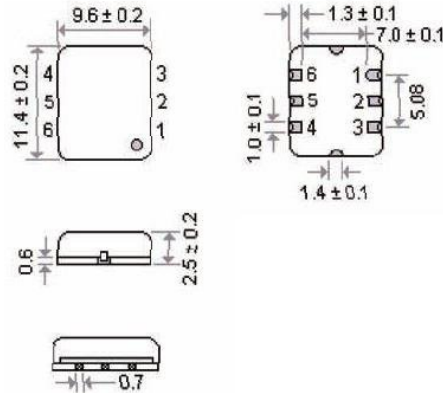
Specifications		
Parameters	Standard	Options
Frequency range	0.625 MHz - 50.0 MHz	
Logic output	TTL/CMOS	
Frequency stability		
Overall	± 50,0 ppm	± 15 ppm best possible
Initial at 25°C	included in overall tolerance	
Temperature		
vs supply voltage change		
vs load change		
Aging first year		
Operating temperature	0° C ~ +70°C	-20°C ~ +70°C -40°C ~ +85°C Other on custom request
Storage temperature	-55°C ~ +125°C	
Supply voltage	3,3 V +5% , 5,0 V +5%	
Current	40 mA max	
Load	15 pF / 2TTL	
Rise/fall time	6 ns max. , depends on frequency	
Duty cycle	45/55	
Jitter (12kHz ~20,0 MHz)	1 ps RMS max.	
Phase noise	Please specify (if required)	
Harmonics		
Sub-harmonics		
Linearity	± 10% max.	
Frequency tuning range	± 80 ppm min	+200 ppm available
Pulling slope	Positive	
External control voltage	+ 1,65 VDC ±1,35 VDC , + 2,50 VDC ±2,0 VDC	

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Specifications

Parameters	Standard	Options
Start-up time	10 ms max.	
Tristate	Low or open = disable High = enable	
Marking	Freq + Code + Week +Year	
Package	SP5 6 pad	

Drawing



Pin configuration	#1: V control
	#2: E/D
	#3: GND
	#4: Output
	#5: NC / E/D
	#6: Vcc