



SPL2V OSCILLATOR

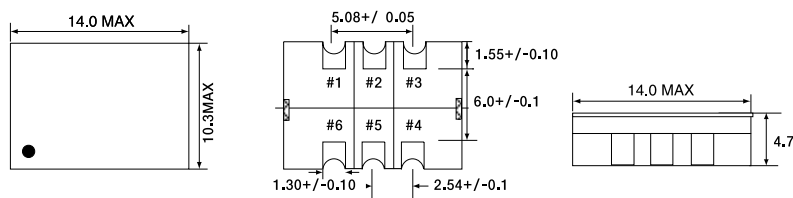
Specifications		
Parameters	Standard	Options
Frequency range	19,440 MHz - 850 MHz	
Logic output	LVDS	
Frequency stability		
Overall	+/- 50 ppm	+/-15 ppm best possible
Initial at 25°C	Please specify	
Temperature		
vs supply voltage change		
vs load change		
Aging first year		
Aging over Years		
Operating 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% ; 2,5 V +/-5%
		Other on custom request
Current	40 mA max	
Load	100 ohms	
Rise/fall time		
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		
Start-up time	10 ms max.	Other on custom request
Linearity	± 10% max.	Other on custom request
Frequency tuning range	± 50 ppm ~ ± 200 ppm	Other on custom request
Pulling slope	Positive	Other on custom request
External control voltage	+ 1,65 VDC ±1,65 VDC (3,3V) +2,5 VDC ±2,5 VDC (5,0V)	Other
Frequency trimming range with externally adjustable trimmer		± 3 ppm min.
		Other

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Specifications

Parameters	Standard	Options
Tristate	High or open = enable Low = disable	no tristate
Marking	Freq + Code + Week +Year	
Package	SP2 6 pads	Other SP2 package dimensions available

Drawing



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

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