



SP02

- Clock Oscillator.
- High Oscillating Frequency.
- Low Cost With High Quality.

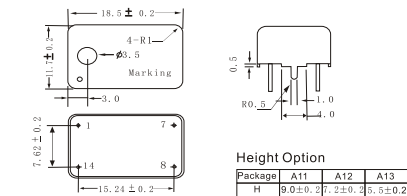
Table1 Specifications

Parameter		SP02
Frequency Range		80MHz~150MHz
Frequency Tolerance & Stability		±10~±100ppm ,See Table2
Operation Temperature Range		0~70°C standard,Extend Temp.Rang Available
Frequency	vs Vcc Change ± 10%	±1ppm
Stability	vs Load Change±10%	±1ppm
Supply Voltage		3.3V,5.0V
Output	Wave Form	Sine, Code is "S"/Clipped Sine Code "CS"
	Load	10KΩ//10pF
	Level	1Vp-p min
Startup Time		5ms typical, 10ms max
Aging		±2ppm/year max
Package		A11,A12,A13,A14,A15,A16
Storage Temperature Range		-55~+85°C

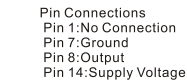
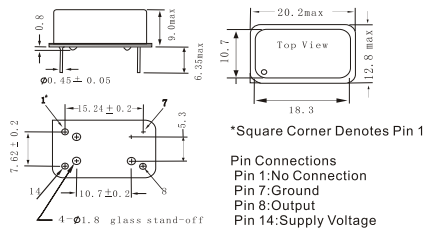
Table2 Freq.Stability vs Operation Temp.Range(Ref to 25°C)
Package A11,A12 and Option Code

	± 10ppm	± 20ppm	± 25ppm	± 30ppm	± 50ppm
-10~60°C	B10	B20	B25	B30	B50
0~70 °C	K10	K20	K25	K30	K50
-20-70°C	C10	C20	C25	C 30	C50

Package A11,A12



Package A14



SPXOs

Part Numbering Key

SERIES	SUPPLY VOLTAGE	OUTPUT FORM	FREQ.STABILTY	PACKAGE CODE	FREQUENCY
SP02	3.3=3.3V	S=Sine	See Table2	A11,12	
	5=5.0V	CS=Clipped Sine		A14,A15	
				A16	
SP02	5	S	K50	A14	100MHz

Sample Part Numbers

SP02-5SK50-A14
@100MHz

SPXO