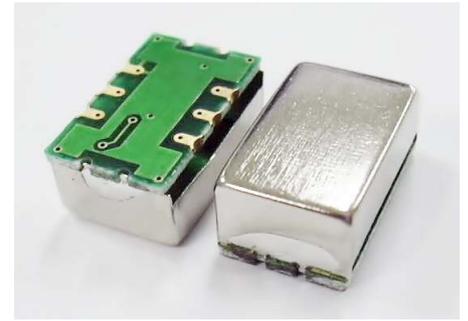


■ Features

- Surface Mount Package (FR-4)
- Reflow Process Compatible
- AT-Cut Crystal
- Low Phase Noise
- Tight Stability

■ Typical Applications

- Repeater
- Base Stations
- Test Equipment
- Switching
- Portable Equipment



■ Specifications

Parameter		Unit	Min.	Typical	Max.
Frequency Range		MHz		800.000	
Supply Voltage		V	+3.1	+3.3	+3.5
Current Consumption		mA			150
Load		Ω	50Ω to V _{DD} -2V _{DC}		
Output level			LVPECL		
Level-1 (V _H)		V	2.28		
Level-0 (V _L)		V			1.68
Duty cycle		%	40		60
Operating Temperature Range		°C	-40		+85
Storage Temperature Range		°C	-55		+125
Frequency Stability	VS. Temperature (over -40°C~+85°C)	ppm	-25.0		+25.0
	VS. Supply Voltage (±5%)	ppm	-2.0		+2.0
	VS. Aging (over 20 years)	ppm	-15		+15
	VS. Load changes (±5%)	ppm	-0.5		+0.5
Frequency Tolerance at 25 °C ¹⁾		ppm	-15		+15
Frequency Control	Pullability	ppm	±50		
	Control Voltage	V	+0.0	+1.65	+3.3
	Slope		Positive		
	Linearity	%			10
	Input Impedance	KΩ	100		
Phase Noise	at 10 Hz	dBc/Hz		-50	
	at 100 Hz		-90		
	at 1 kHz		-110		
	at 10 kHz		-130		
	at 100 kHz		-140		

More Information

Seoan Electronics Co., Ltd is a company that specializes in the manufacture of crystal packages. Since it was established in 1989, Seoan Electronics has developed various core parts for The electronic communication industry, including crystal units, crystal oscillators, application products for VCXO, TCXO, VCTCXO, and other packages. Its consistent quality in terms of services and products has gained trust and acclaim from both domestic and overseas customers.

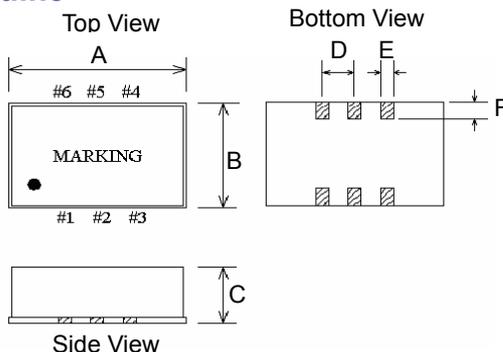
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1) Measurement conditions are as follows: T = 25°C, V_{CC} = 3.3 V, V_C = 1.65 V

■ Outline



Pin Configuration	
1	Control Voltage (Vc)
2	N/C
3	Ground (Case)
4	Output
5	Complementary Output
6	Supply Voltage Input (Vcc)

Dimension (mm)	
A	13.9
B	8.6
C	6.0max
D	2.54
E	1.0
F	1.5

Tolerance: ± 0.2