



## SC-CUT CRYSTAL

OCXO-2005

### FEATURE

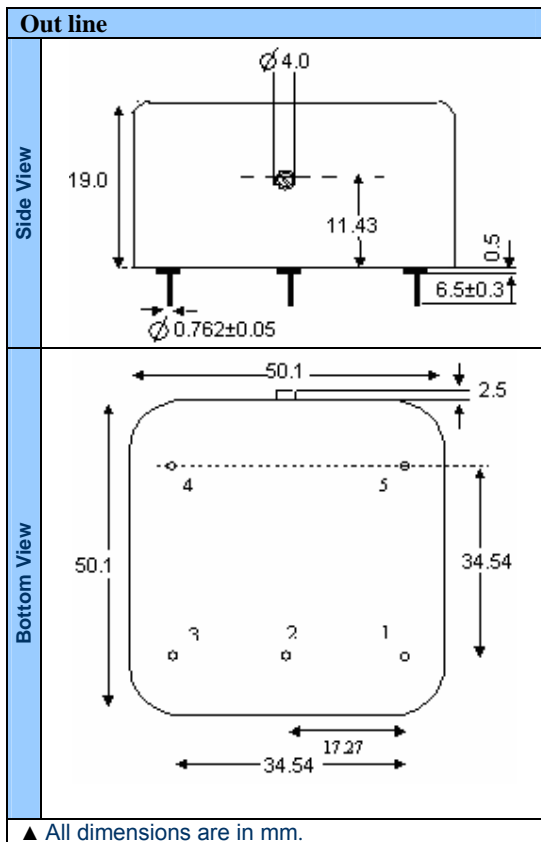
- Extremely High Stability
- Industry standard pin-out
- Mechanical Tuning
- Custom Options available

### Typical Phase Noise ( @ 10 MHz )

1 Hz Offset	- 80 dBc/Hz
10 Hz Offset	-100 dBc/Hz
100 Hz Offset	-120 dBc/Hz
1 KHz Offset	-140 dBc/Hz
100 KHz Offset	-145 dBc/Hz

Supply Voltage	5.0 V	12.0V
Code	5	C

### MECHANICAL SPECIFICATIONS



### Pin configuration

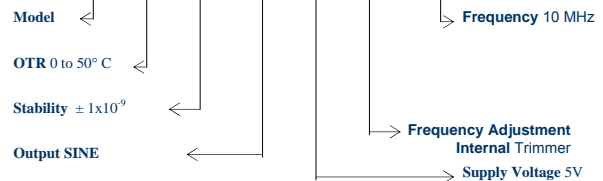
Pin	Option V
1	Control Voltage
2	No Connection
3	Output
4	Ground
5	DC Input

Parameters	Option Codes	
Frequency Range:	5 MHz – 20 MHz	
Output Drive:	Sine wave	
Output Levels:	>0 dBm (min) into 50Ω	
Waveform symmetry:	45 : 55 max @ 2.0V	
Operating temperature range:	0 to +50° C	A
Operating temperature stability:	± 1x10 <sup>-9</sup>	
Supply voltage (V <sub>DD</sub> ):	+5.0V DC, +12.0V DC (±5%)	Specify
Supply voltage stability	<1 x 10 <sup>-9</sup> per 5% Change	
Warm up time:	5 min Max	
Power consumption:	<6 watts max. during warm-up @ 25°C <3 watts max. at steady-state @ 25°C	
Ageing:	± 0.01 ppm per year after 30 days	
Frequency adjustment:	Internal trimmer External Control Voltage (0V to 4V)	I V

### Ordering Information

#### Example

2005 A 001 S S I 010M000000



Specifications subject to change without notice  
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