



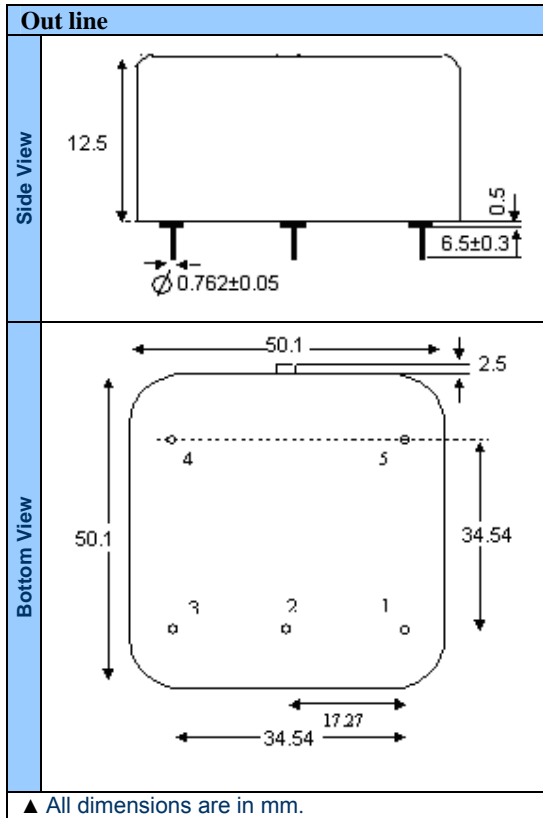
**FEATURE**

- Extremely High Stability
- Industry standard pin-out
- Low Profile
- Custom Options available
- RoHS Compliant Standard

**Typical Phase Noise ( @ 16.384 MHz )**

1 Hz Offset	-90 dBc/Hz
10 Hz Offset	-120 dBc/Hz
100 Hz Offset	-140 dBc/Hz
1 KHz Offset	-145 dBc/Hz
100 KHz Offset	-150 dBc/Hz

**MECHANICAL SPECIFICATIONS**

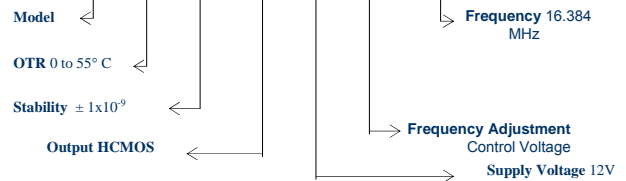


Parameters	Option Codes	
Frequency Range:	10 MHz – 30 MHz	
Output Drive:	HCMOS	
Reference Voltage:	5V	
Waveform symmetry:	45 : 55 max @ 2.5V	
Operating temperature range:	0 to +55° C	A2
Operating temperature stability:	± 1x10 <sup>-9</sup>	
Supply voltage (V <sub>DD</sub> ):	+12.0V DC (±5%)	
Power consumption:	<6 watts max. during warm-up @ 25°C <2.4 watts max. at steady-state @ 25°C	
Warm up time:	5 min Max	
Supply voltage stability	<1 x 10 <sup>-10</sup> per 5% Change	
Ageing:	± 0.05 ppm per year after 30 days	
Frequency adjustment:	Control Voltage ( 0V to 5V )	

**Ordering Information**

**Example**

2006 A2 001 S C V 016M384000



**Pin configuration**

Pin	Option V
1	Control Voltage
2	Reference Voltage
3	Output
4	Ground
5	DC Input

Specifications subject to change without notice  
 Revision No. 12b of May 2008