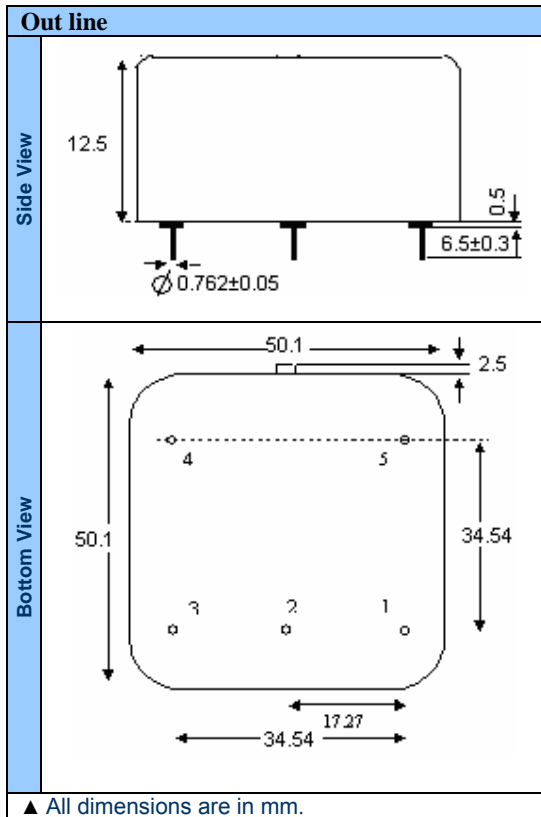


**FEATURE**

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

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

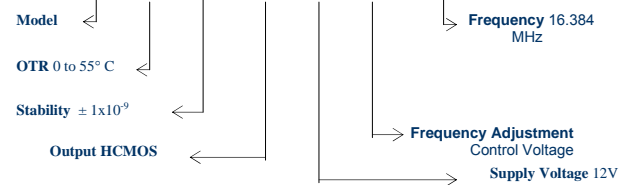
MECHANICAL SPECIFICATIONS**Pin configuration**

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

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:	$\pm 1 \times 10^{-9}$	
Supply voltage (V_{DD}):	+12.0V DC ($\pm 5\%$)	
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	$< 1 \times 10^{-10}$ 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



Specifications subject to change without notice
Revision No. 12a of December 2007

ANDHRA ELECTRONICS LIMITED

34 & 35, IDA, Kakinada, AP – 533 005,
INDIA.
URL: www.andhraelec.com

Phone: +91-884-2342203
Fax: +91-884-2341145
E-mail: info@andhraelec.com