



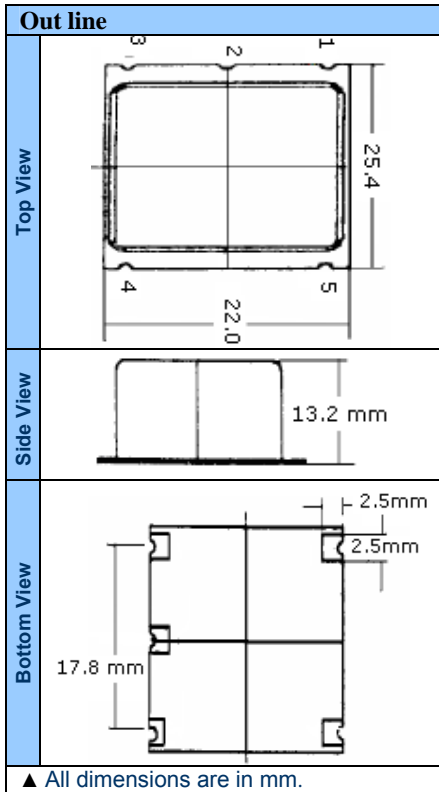
FEATURE

- Small, Low profile SMD Package
- Industry Standard Pin-Out
- High Stability upto $\pm 5 \times 10^{-9}$
- Low Phase Noise -160 dBc/Hz , @ 10KHz
- RoHS Compliant Standard

Table 1

Codes	Stability Codes		Temperature Range	Typical Phase Noise (26Hz HCMOS output)	
	Frequency Stability			10 Hz Offset	-125 dBc/Hz
A	0 to +50° C		Temperature Range	100 Hz Offset	-145 dBc/Hz
B	0 to +60° C			10KHz Offset	-160 dBc/Hz
F	0 to +70° C				
D	-10 to +60° C				
E	-10 to +70° C				
C	-20 to +70° C				
G	-30 to +80° C				
H	-30 to +85° C				
I	-40 to +85° C				

MECHANICAL SPECIFICATIONS



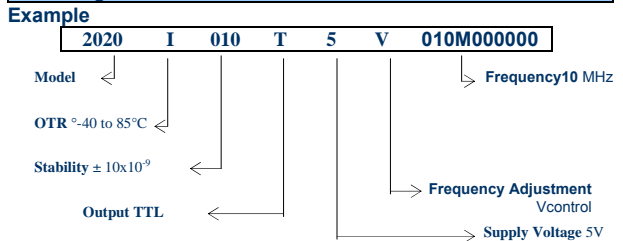
Pin configuration

Pin	Option V
1	Control Voltage
2	Vreference
3	Vcc
4	Output
5	Ground

Parameters	Option Codes
Nominal Frequency:	10 MHz
Output Drive:	TTL
Output Load	10K \pm 10% // 15pF \pm 10%
Rise / fall time:	<2.5 ns max
Waveform symmetry:	45:55 max @ 2.0V
Operating temperature range:	(Table 1) Specify
Operating temperature stability:	$\pm 5 \times 10^{-9}$ 005 $\pm 10 \times 10^{-9}$ 010 $\pm 20 \times 10^{-9}$ 020
Supply voltage (V _{DD}):	+5.0V DC (\pm 5%)
Power consumption:	3.5 watts max. During warm-up 1.0 watts max. At steady-state @ 25°C
Warm up time:	<5 min 25°C to final frequency <8 min 0°C to final frequency
Ageing:	± 0.1 ppm per year after 30 days
Frequency adjustment:	(min.) -0.5 ppm@ Vcont of 0V (min.) +0.5 ppm@ Vcont of 4V
Control Voltage:	2V \pm 2V
Storage Temperature Range:	-40°C to 85°C
Supply voltage stability:	$\pm 1 \times 10^{-9}$

■ Standard, □ Optional – please specify required code(s) when ordering.

Ordering Information



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