



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

Table 1

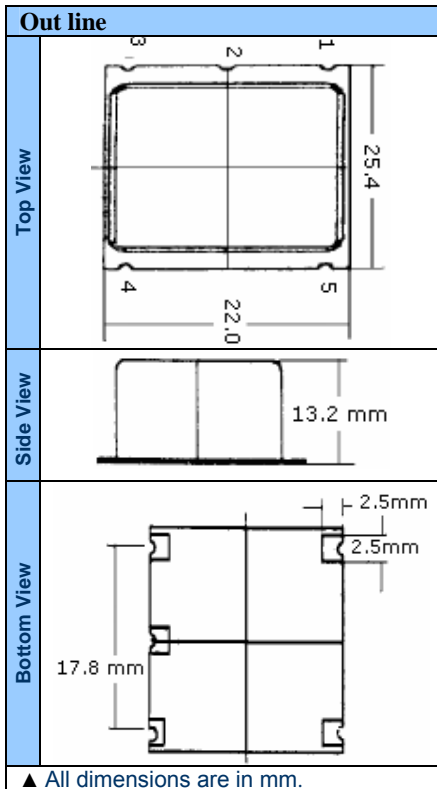
Codes	Stability Codes	
	Frequency	Stability
A	0 to +50° C	
B	0 to +60° C	
F	0 to +70° C	
D	-10 to +60° C	
E	-10 to +70° C	
C	-20 to +70° C	
G	-30 to +80° C	
H	-30 to +85° C	
I	-40 to +85° C	

Typical Phase Noise (26Hz HCMOS output)

10 Hz Offset	-125 dBc/Hz
100 Hz Offset	-145 dBc/Hz
10KHz Offset	-160 dBc/Hz

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%)
Supply voltage stability:	$\pm 1 \times 10^{-9}$
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:	-0.5 ppm(min) @ V _{cont} of 0V +0.5 ppm (min) @ V _{cont} of 4V
Control Voltage:	2V \pm 2V
Storage Temperature Range:	-40°C to 85°C

MECHANICAL SPECIFICATIONS

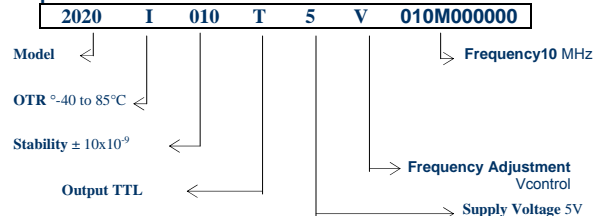


Pin configuration

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

Ordering Information

Example



Specifications subject to change without notice
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