

### Specification

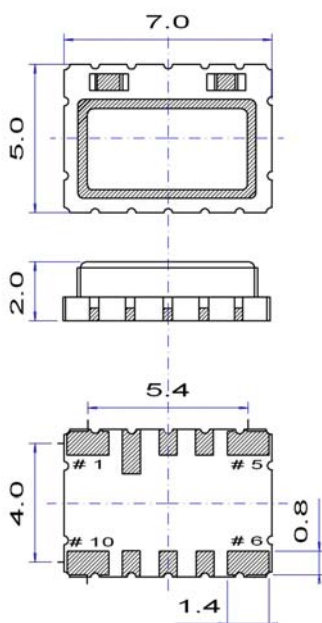
Nominal Frequency Fo	25.0000 MHz	
Frequency stability :	≤ ±4.6 ppm	over all
Inclusive frequency stability vs. temperature, tolerance @+25°C, aging 20 years, supply & load variation		
Frequency stability vs. temperature	≤ ±0.28 ppm	over -40 up to +85 °C
Holdover stability (1)	≤ ±0.37 ppm	over 24 hours
Frequency tolerance ex factory	≤ ±0.5 ppm	
Supply voltage	+3.3 V	±5 %
Current consumption	< 6 mA	
Output waveform	CMOS	
Output level	V <sub>OH</sub> ≥ 0.9 Vdc	V <sub>OL</sub> ≤ 0.1 Vdc
Output load	15 pF	
Symmetry	45 ~ 55 %	@ 50% Vdc
Rise / fall time	< 5 ns	
Phase noise @ 25 MHz carrier frequency	-117 dBc/Hz @ 100 Hz -137 dBc/Hz @ 1 kHz -152 dBc/Hz @ 10 kHz	
Operating temperature range	-40 ~ +85 °C	
Storage temperature range	-55 ~ +125 °C	
Packing units	tape & reel	500 & 1'000 pieces
	tape	< 500 pieces

(1) Including: frequency stability, vs temperature, supply change of ±5 % and aging over 24 hours

### Application

Network synchronisation

### Outline Dimensions & PIN Function & Solder Pattern

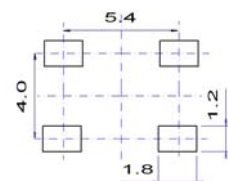


#### Pin function

- # 1 not connected
- # 5 GND
- # 6 Output
- # 10 Vdc

All other Pins are not connected

#### Example for solder pattern



Do not design any conductive path between the pattern

Example for IR reflow soldering temperature

