



North Industrial Area P.O.Box 268 Or-Aqiva 30600 ISRAEL

Tel: + 972 (0) 462 63891 Fax: + 972 (0) 4626 3715

E-mail: rfq@time.co.il URL: http://www.time.co.il

SMD TCXO's / VCTCXO's 14.4 X 9.6 mm.

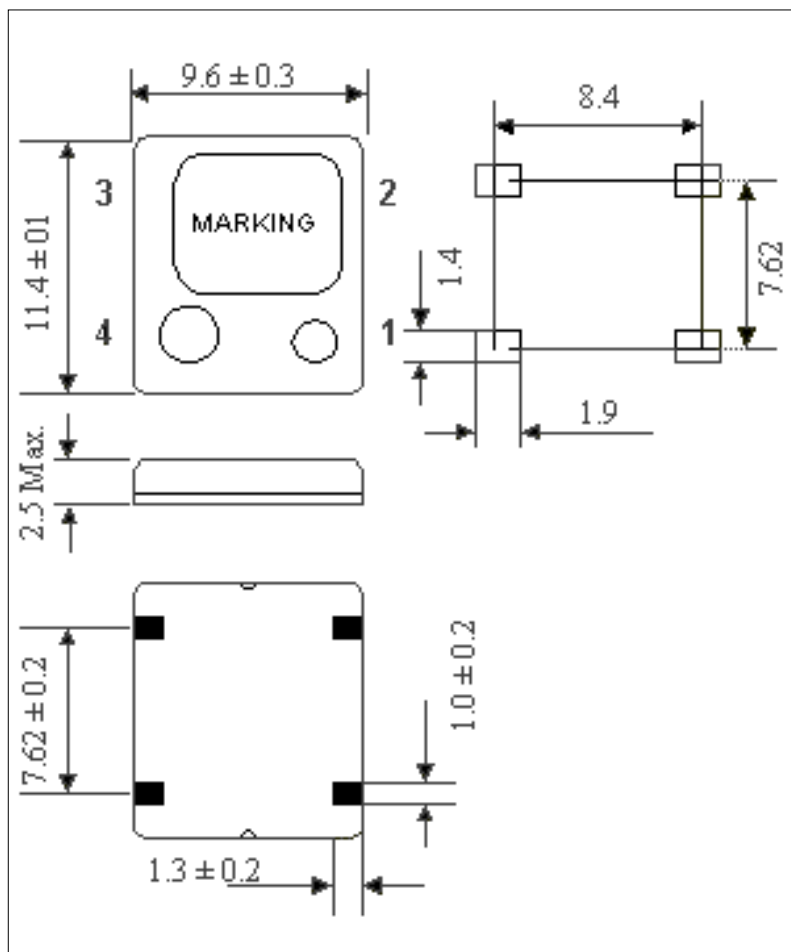
MODEL	TC4	TC34	TV4	TV34
FREQ' RANGE	10.00 to 40.00 MHz			
FREQ' STABILITY VS. TEMPERATURE	See "How - To - Order" instructions (Typical: ± 2.5 PPM)			
CALIBRATION TOLERANCE AT +25° C	See "How - To - Order" instructions (Typical: ± 1.0 PPM)		~ ~ ~ ~ ~	
FREQ' STABILITY VS. SUPPLY VARIATIONS	± 0.3 PPM			
FREQ' STABILITY VS. LOAD VARIATIONS	± 0.3 PPM			
AGING	± 1 PPM Max. for the first year at room temp.			
OPERATING TEMP' RANGE	See "How - To - Order" instructions -10°C to +70°C or -40°C to +85°C			
OUTPUT WAVEFORM	Clipped Sine Wave 0.8V ptp Min.			
LOAD	10K Ω $\pm 10\%$ // 10pF $\pm 10\%$			
SUPPLY VOLTAGE	+5.0 Vdc $\pm 5\%$	+3.0 Vdc $\pm 5\%$	+5.0 Vdc $\pm 5\%$	+3.0 Vdc $\pm 5\%$
SUPPLY CURRENT	2.5 mA Max.	1.5 mA Max.	2.5 mA Max.	1.5 mA Max.
ADJUSTABLE FREQ' RANGE (By internal Trimmer)	± 4.0 PPM Min.	± 3.0 PPM Min.	± 4.0 PPM Min.	± 3.0 PPM Min.
VCO CHARACTERISTICS				
VCO VOLTAGE			2.5V $\pm 2.0V$	1.5V $\pm 1.0V$
VCO LOAD IMPEDANCE	~ ~ ~ ~ ~		100K Ω Min.	
FREQUENCY PULLING RANGE			± 10 PPM Min.	
SMD PACKAGE	11.4 X 9.6 X 2.5 mm. , 4 pins	11.4 X 9.6 X 2.5 mm. , 6 pins	11.4 X 9.6 X 2.0 mm. , 4 pins	11.4 X 9.6 X 2.0 mm. , 6 pins

Environmental Conditions
SHOCK
Random drop on hard wooden floor 10 times from height of 30cm
VIBRATION
Frequency: 10-55 Hz, Amplitude: 2.0 mm, Test time: 2 hours/ XYZ Axis
THERMAL SHOCK
IEC 68-2-14 (Test Na), 30 min. in each extreme temperature

TC4, TC34, TV4, TV34

Pin	Function	
	TC4, TC34	TV4, TV34
1	N/C	V Control
2	GND	GND
3	Output	Output
4	Vcc	Vcc

Dimensions in mm.



SMD TCXO's / VCTCXO's 14.4 X 9.6 mm.

[to top](#)



Tect Electronics

The authorized distributor in the Greater China Region