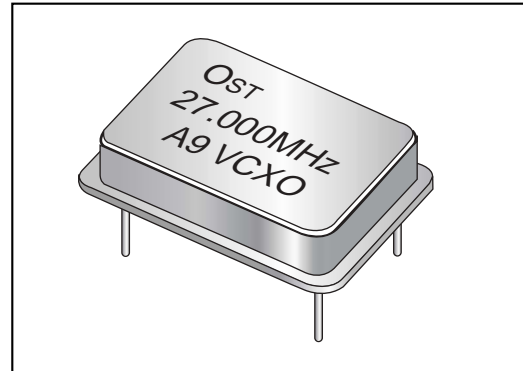


VOLTAGE CONTROL CRYSTAL OSCILLATOR (VCXO)

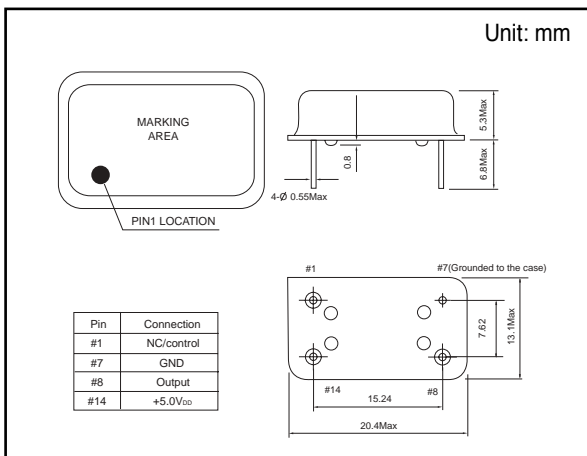


- Low power consumption
- Frequency adjustable
- Low cost

■ ELECTRICAL SPECIFICATIONS

Frequency Range	1 MHz~45 MHz
Frequency Stability Over Temperature (0~70°C)	±25ppm Max at Vc=2.5V and 10TTL + 15pF load at 25°C
Frequency Stability Over Input Voltage Variation (10%)	±3ppm Max at VDD=5.0±0.5V and 10TTL + 15pF load at 25°C
Output Waveform	Square, duty cycle 40%~60%Max tr and tf= 10ns Max
Output Drive	CMOS or TTL
Input Voltage	5V ± 10%
Input Current	30mA Max at 10TTL + 15pF at 25°C
Frequency Adjustment (0~70°C)	standard ± 50ppm Min, ± 150ppm Max at Vc=2.5V ± 0.5V
Nominal Control Voltage	Vc=2.5V
Aging	± 5ppm/year Max
Control Voltage Range	Vc: +0.5V ~ 4.5V
Linearity	10% Max
Slope	Positive
Input Impedance	50K ohm Min
Storage Temperature Range	-40 ~ + 85°C

■ DIMENSION



■ MEASURING CIRCUIT

