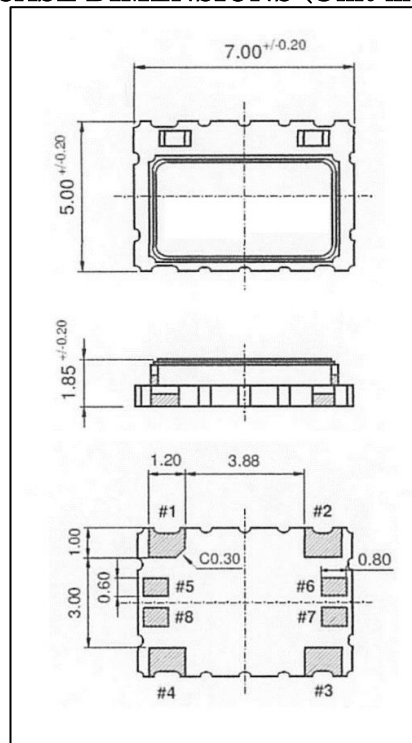


VOLTAGE CONTROLLED TEMPERATURE COMPENSATED CRYSTAL OSCILLATOR	(SMD TYPE)	<b>AXC-7050VT</b>
Surface Mount Type Voltage Controlled Teperature Compensated Crystal Oscillator		

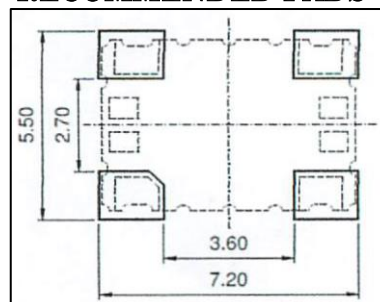
**SPECIFICATIONS**

Type No.	AXC-7050VT	
Frequency Range	10 ~ 50.000 MHz	
Output	CMOS	Clipped Sine
Frequency Stability vs Temp.	$\pm 0.1 \sim \pm 2.5 (-10 \sim +70^{\circ}\text{C}), \pm 0.2 \sim \pm 2.5 (-40 \sim +85^{\circ}\text{C})$ ppm	
Frequency Stability vs Supply Voltage	$\pm 0.2 \text{max.} (10 \sim 25 \text{MHz})$ $\pm 0.3 \text{max.} (25 \sim 50 \text{MHz})$	$\pm 0.1 \text{max.}$ ppm
Frequency Stability vs Load	$\pm 0.1 \text{max.} (10 \sim 25 \text{MHz})$ $\pm 0.2 \text{max.} (25 \sim 50 \text{MHz})$ ppm	
Frequency Stability vs Aging	$\pm 1.0 \text{max.}$ ppm	
Supply Voltage	2.7 ~ 5.5 V	
Supply Current	5.5 max.	3.5 max. mA
Output Level	CMOS	0.8V <sub>p-p</sub> min.
Symmetry	40/60 %	
Load	15pF	10k $\Omega$ //10pF
Pulling	$\pm 3.0 \text{ min.}$ ppm	
Control Voltage (Polarity)	1.5 $\pm$ 1.0, 1.65 $\pm$ 1.0, 2.5 $\pm$ 1.0 (Positive) V	
Operating Temperature	-10 ~ +70, -40 ~ +85 $^{\circ}\text{C}$	
Storage Temperature	-40 ~ +85 $^{\circ}\text{C}$	

**CASE DIMENSIONS (Unit:mm)**



**RECOMMENDED PADS**



**PIN CONNECTIONS**

Pin#1	V <sub>cont</sub>	Pin#5	Output
Pin#2	NC	Pin#6	NC
Pin#3	NC	Pin#7	NC
Pin#4	GND	Pin#8	V <sub>DD</sub>