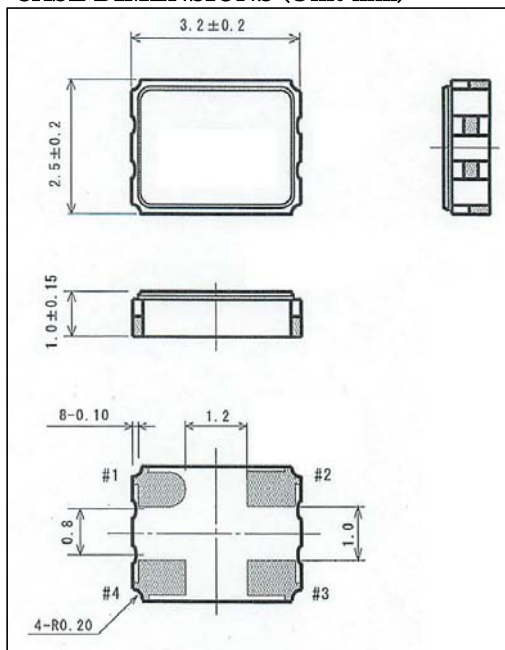


<b>VOLTAGE CONTROLLED CRYSTAL OSCILLATOR</b>	<b>(SMD TYPE)</b>	<b>AXK-C3225</b>
Surface Mount Type CMOS Voltage Controlled Crystal Oscillator		

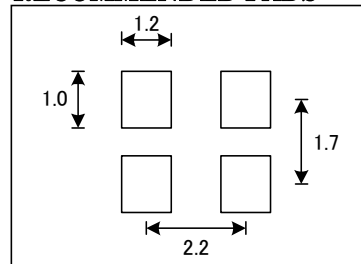
**SPECIFICATIONS**

Type No.	AXK-C3225	
Frequency Range	1 ~ 160.00	1 ~ 90.00 MHz
Frequency Stability	±25, ±50 ppm	
Supply Voltage	3.3±5%	5.0±5% V
Control Voltage	1.65 ± 1.65	2.5 ± 2.0 V
Frequency Pulling	± 50 min., ±100 min. ppm	
Current Consumption	35max.	50max. mA
Output Voltage	$V_{OH}$ : 2.97 min.	$V_{OH}$ : 4.50 min. V
	$V_{OL}$ : 0.33 max.	$V_{OL}$ : 0.50 max.
Symmetry	40/60 %	
Rise/Fall Time	5 max. nS	
Load	15 pF	
Operating Temperature	-10~+70 °C	
Storage Temperature	-50~+125 °C	

**CASE DIMENSIONS (Unit:mm)**



**RECOMMENDED PADS**



(We recommend external by-pass filter 0.01uF)

**PIN CONNECTIONS**

Pin#1	Vcont	Pin#3	Output
Pin#2	GND	Pin#4	$V_{DD}$