

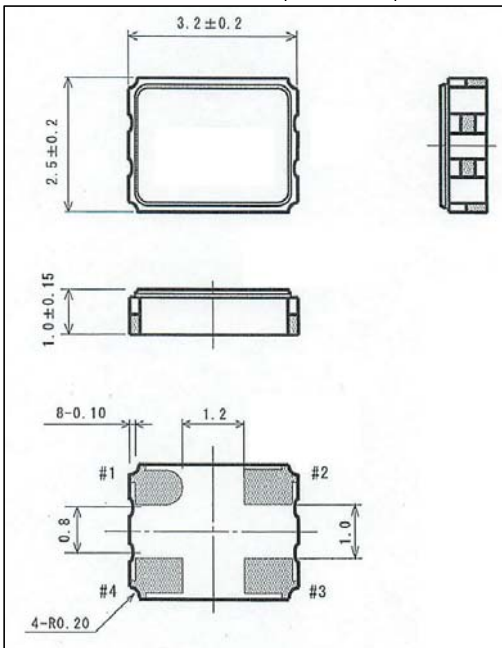
**VOLTAGE CONTROLLED
CRYSTAL OSCILLATOR** (SMD TYPE) **AXK-C3225J**
Surface Mount Type CMOS Voltage Controlled Crystal Oscillator(Low Jitter)

- PRELIMINARY -

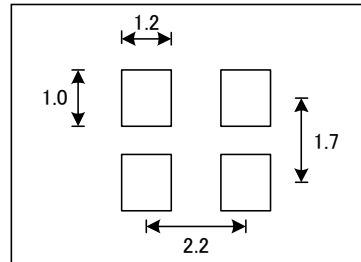
SPECIFICATIONS

Type No.	AXK-C3225J	
Frequency Range	30.00 ~ 160.00	MHz
Frequency Stability	±50, ±100	ppm
Supply Voltage	3.3±5%	V
Control Voltage	1.65 ± 1.50	V
Frequency Pulling	±80 min.	ppm
Input Current	32max.	mA
Output Voltage	V _{OH} : 2.97 min.	V
	V _{OL} : 0.33 max.	
Symmetry	40/60	%
Rise/Fall Time	5 max.	nS
Load	15	pF
Operating Temperature	-10~+70/-40~+85 °C	
Storage Temperature	-50~+125 °C	
Phase Jitter	0.1 max. (@100MHz 12KHz to 20MHz)	

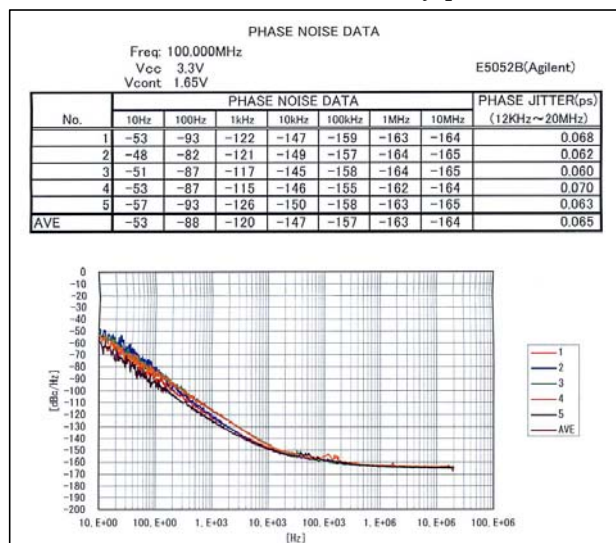
CASE DIMENSIONS (Unit:mm)



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}