

CRYSTAL OSCILLATOR

(SMD TYPE)

AOK-C9070LP

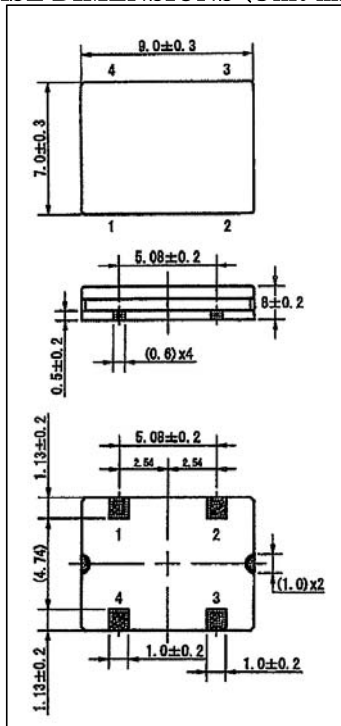
Low Phase Noise Surface Mount Type CMOS Crystal Oscillator

SPECIFICATIONS

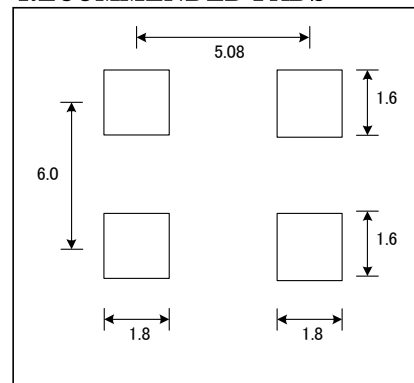
Frequency Range
Frequency Stability
Supply Voltage
Current Consumption
Outout Level
Symmetry
Rise/Fall Time
Load
Operating Temperature
Storage Temperature

AOK-C9070LP		
50.000 ~ 156.250MHz		MHz
±25,±50		ppm
3.3±5%	5.0±5%	V
20 max.	30 max.	mA
V _{OH} :0.9V _{DD} min		V
V _{OL} : 0.1V _{DD} max.		
40/60		%
7.0 max.		nS
15		pF
-10~+70, -40~+85		°C
-50~+125		°C

CASE DIMENSIONS (Unit:mm)



RECOMMENDED PADS



PHASE NOISE @80.000MHz

@10Hz	-90dBc/Hz typ.
@100Hz	-115dBc/Hz typ.
@1kHz	-135dBc/Hz typ.
@10kHz	-145dBc/Hz typ.
@100kHz	-155dBc/Hz typ.

PIN CONNECTIONS

Pin#1	NC	Pin#3	Output
Pin#2	GND	Pin#4	V _{DD}