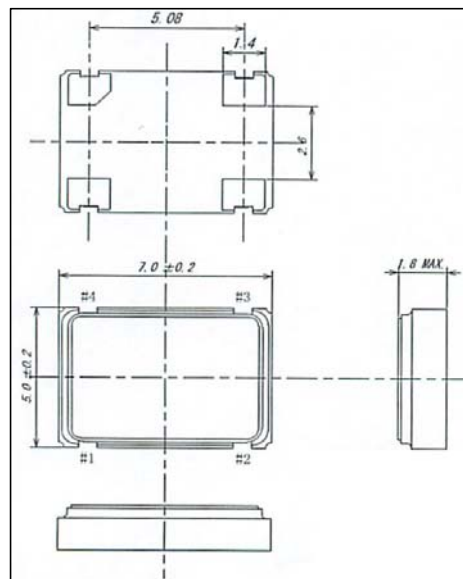


<b>CRYSTAL OSCILLATOR</b>	(SMD TYPE)	AOF-C7050(5)
Surface Mount Type CMOS Crystal Oscillator		

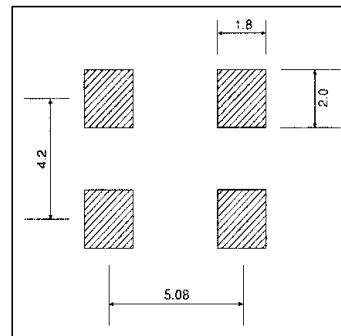
**SPECIFICATIONS**

Type No.	AOF-C7050(5)	
Frequency Range	1 ~ 125.000	MHz
Frequency Stability	±25,±50	ppm
Supply Voltage	5.0±5%	V
Current Consumption	90 max.	mA
Output Voltage	$V_{OH}: 0.9V_{DD} \text{ min.} / V_{OL}: 0.1V_{DD} \text{ max.}$	
Symmetry	45/55	%
Rise/Fall Time	10 max.(1-20MHz)	nS
	7 max.(20MHz~)	
Load	30 (1-50MHz)	pF
	15 (50MHz~)	
Operating Temperature	-40~+85	°C
Storage Temperature	-50~+125	°C
Aging	± 5 max. /year	ppm

**CASE DIMENSIONS (Unit:mm)**



**RECOMMENDED PADS**



(We recommend external by-pass filter 0.01uF)

**PIN CONNECTIONS**

Pin#1	E/D	Pin#3	Output
Pin#2	GND	Pin#4	$V_{DD}$

**E/D FUNCTION**

Pin#1: Open	Pin#3: Active
Pin#1: $\geq 2.2V$	Pin#3: Active
Pin#1: $\leq 0.8V$	Pin#3: High-Z