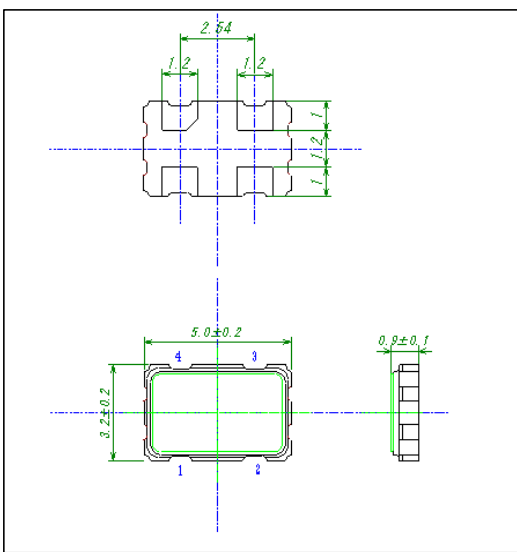


CRYSTAL OSCILLATOR	(SMD TYPE)	AOF-C5032
Surface Mount Type CMOS Crystal Oscillator		

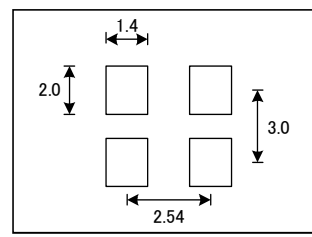
SPECIFICATIONS

Type No.	AOF-C5032		
Frequency Range	10 ~ 160.000	10 ~ 160.000	10 ~ 100.000 MHz
Frequency Stability	±25,±50 ppm		
Supply Voltage	2.5 ± 5%	3.3±5%	5.0±5% V
Current Consumption	70 max.	100 max.	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	6 max.	10 max.(10-60MHz) 5 max.(60MHz~)	10 max.(10-60MHz) 7 max.(60MHz~) nS
Load	15	30 (1-50MHz) 15 (50MHz~)	pF
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)

E/D FUNCTION (Supply Voltage: 2.5V, 3.3V(≥30MHz))

Pin#1: Open	Pin#3: Active
Pin#1: ≥ 0.7V _{DD}	Pin#3: Active
Pin#1: ≤ 0.3V _{DD}	Pin#3: High-Z

E/D FUNCTION (Supply Voltage: 5.0V, 3.3V(≤30MHz))

Pin#1: Open	Pin#3: Active
Pin#1: ≥ 2.2V	Pin#3: Active
Pin#1: ≤ 0.8V	Pin#3: High-Z

PIN CONNECTIONS

Pin#1	E/D	Pin#3	Output
Pin#2	GND	Pin#4	V _{DD}