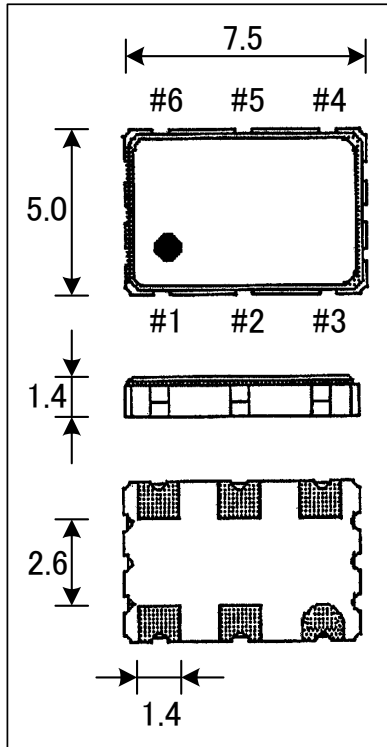


**CRYSTAL OSCILLATOR (SMD TYPE) AOK-7550SS series**  
Spread Spectrum Type Crystal Clock Oscillator

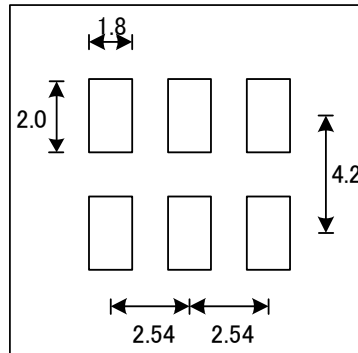
**SPECIFICATIONS**

Type No.	AOK-7550SSC	AOK-7550SSD	
Frequency Range	8.0 ~ 170.000		MHz
Modulation Rate	±0.25, ±0.50, ±0.75	-0.50, -1.00, -1.50	%
	±1.00, ±1.50, ±2.00	-2.00, -3.00, -4.00	
Supply Voltage	3.3±5%		V
Current Consumption	50 max.		mA
Output Voltage	$V_{OH}$ : 2.97		V
	$V_{OL}$ : 0.33		
Symmetry	45/55		%
Rise/Fall Time	3 max.		nS
Load	15		pF
Operating Temperature	-10~+70		°C
Storage Temperature	-40~+85		°C
Modulation Frequency	30 ~ 33		KHz
Jitter (Cycle to Cycle)	400 max.		pS

**CASE DIMENSIONS (Unit:mm)**



**RECOMMENDED PADS**



(We recommend external by-pass filter 0.01uF)

**E/D FUNCTION**

Pin#1: Open	Pin#4: Active
Pin#1: $\geq 0.7V_{DD}$	Pin#4: Active
Pin#1: $\leq 0.3V_{DD}$	Pin#4: High-Z

**PIN CONNECTIONS**

Pin#1	E/D	Pin#4	Output
Pin#2	SS ON	Pin#5	NC
Pin#3	GND	Pin#6	$V_{DD}$