

CRYSTAL OSCILLATOR

(DIP TYPE)

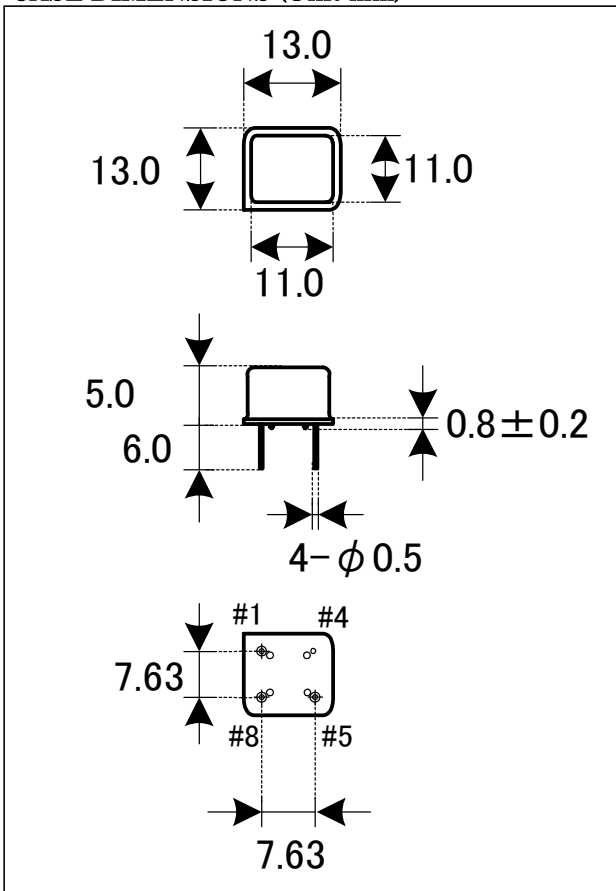
AOY-10H(5), 20H(5)

Half Size (DIL8) DIP Type Crystal Oscillator

SPECIFICATIONS

Type	AOY-10H(5)	AOY-20H(5)	
Frequency Range	1.8~80.000		MHz
Frequency Stability	$\pm 50, \pm 100$		ppm
Supply Voltage	$5 \pm 10\%$		V
Input Current	16 max.(1.8~25MHz), 82 max.(25+~80MHz)		mA
Output Voltage	$V_{OH}: 4.5 \text{ min.}$		V
	$V_{OL}: 0.5 \text{ max.}$		
Symmetry	45 / 55		%
Rise/Fall Time	5 max.		nS
Load	15	50	pF
	10N TTL		
Operating Temperature	-10 ~ 70		°C
Start-up Time	5 max.(1.8~25MHz), 10 max.(25+~80MHz)		mS

CASE DIMENSIONS (Unit:mm)



PIN CONNECTIONS

Pin#1	E/D	Pin#5	Output
Pin#4	GND	Pin#8	V_{DD}

E/D FUNCTION

Pin#1: Open	Pin#5: Active
Pin#1: $\geq 2.2V$	Pin#5: Active
Pin#1: $\leq 0.8V$	Pin#5: High-Z