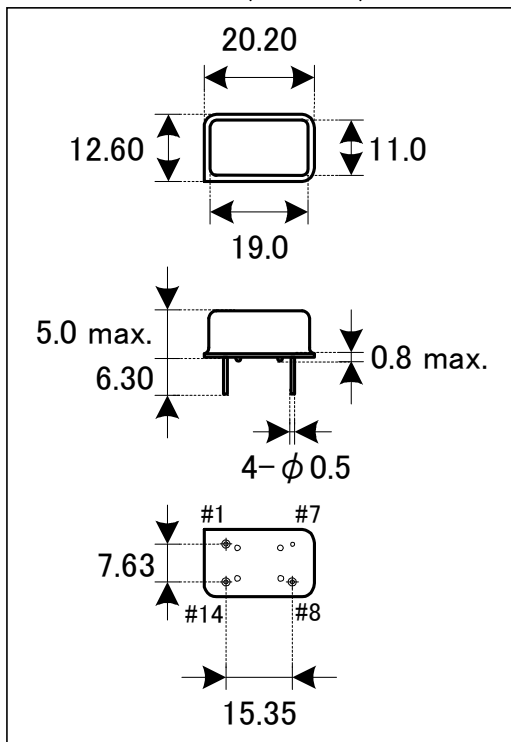


CRYSTAL OSCILLATOR	(DIP TYPE)	AOY-30F(5), 40F(5)
Full Size (DIL14) DIP Type Crystal Oscillator		

SPECIFICATIONS

Type	AOY-30F(5)	AOY-40F(5)
Frequency Range	4.000 ~ 50.000	1.8 ~ 80.000 MHz
Frequency Stability	±50, ±100 ppm	
Supply Voltage	5±10% V	
Inpur Current	25 max. (4.000~25.000MHz) 35 max. (25+~50.000MHz)	25 max. (1.8 ~ 25.000MHz) 60 max. (25+~67.000MHz) 80 max. (67+~80.000MHz) mA
Output Voltage	V _{OH} : 4.5 min. V _{OL} : 0.5 max. V	
Symmetry	45 / 55	45/55 (1.8~70MHz) %
Rise/Fall Time	10 max.	5 max. nS
Load	CMOS 15	50 pF
	TTL 10LS TTL	10N TTL
Operating Temperature	-10 ~ 70 °C	
Start-up Time	5(1.8~25MHz), 10(25+~80MHz) mS	
E/D Function	---- Pin#1	

CASE DIMENSIONS (Unit:mm)



PIN CONNECTIONS AOY-30F(5)

Pin#1	NC	Pin#8	Output
Pin#7	GND	Pin#14	V _{DD}

PIN CONNECTIONS AOY-40F(5)

Pin#1	E/D	Pin#8	Output
Pin#7	GND	Pin#14	V _{DD}

E/D FUNCTION

Pin#1: Open	Pin#8: Active
Pin#1: ≥2.2V	Pin#8: Active
Pin#1: ≤0.8V	Pin#8: High-Z