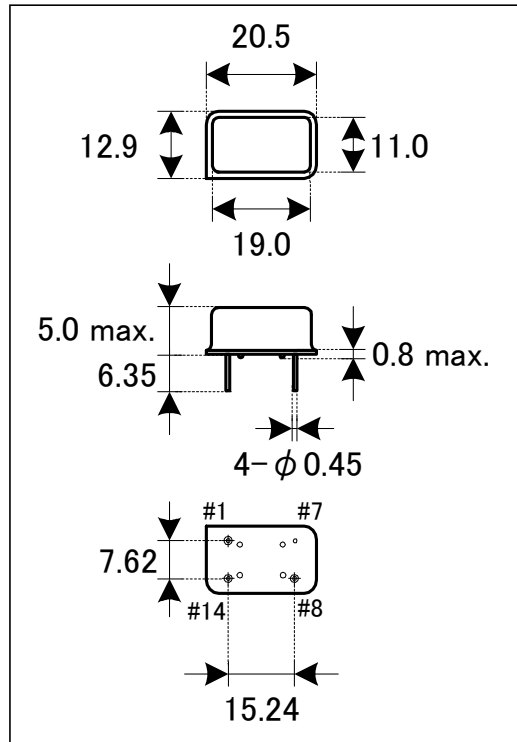


CRYSTAL OSCILLATOR	(DIP TYPE)	AOY-30F, 40F
Full Size (DIL14) DIP Type Crystal Oscillator		

SPECIFICATIONS

Type	AOY-30F	AOY-40F
Frequency Range	20.001 ~ 60.000	60.001 ~ 100.000 MHz
Frequency Stability	± 50, ± 100	± 50 ppm
Supply Voltage	5 ± 10% V	
Current Consumption	20 max. (20.001~39.999MHz) 30 max. (40.000~49.999MHz) 40 max. (50.000~60.000MHz)	60 max. (60.001~80.000MHz) 70 max. (80.001~100.000MHz) mA
Output Voltage	V _{OH} : 4.5 min. V _{OL} : 0.4 max.	V _{OH} : 4.5min.(CMOS), 2.4min.(TTL) V _{OL} : 0.5max.(CMOS), 0.4max.(TTL) V
Symmetry	CMOS 45 / 55 @2.5V TTL 40 / 60 @1.4V	45/55 @2.5V CL=15pF 40/60 @2.5V CL=50pF --- %
Rise/Fall Time	CMOS 5 max. (0.5~4.5V) TTL 5 max. (0.4~2.4V)	1.5 max. (CL=15pF, 0.5~4.5V) 3.5 max. (CL=50pF, 0.5~4.5V) nS ---
Load	CMOS 10kΩ // 15pF (50pF max.) TTL TTL(10TTL)	10kΩ // 15pF or 50pF ---
Operating Temperature	-10 ~ 60 °C	

CASE DIMENSIONS (Unit:mm)



PIN CONNECTIONS

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