



■ METAL FULL SIZE OSC

- 14pin dip type.
 - Available 3-state function.
 - Operation mode : Fundamental, 3'rd overtone.
 - CMOS / TTL compatible output.
- Applications : PC, Monitor, Vision equipment, Printer, FAX.

■ Standard Specification

Supply voltage		3.3V, 5.0V
Frequency range		32.768KHz, 0.750MHz to 250.000MHz
Current consumption		See table →
Temperature range	Operating	-10°C to +70°C(std), -40°C to +85°C
	Storage	-55°C to +125°C
Frequency stability		± 50ppm Max, user spec
Output load condition		TTL, CMOS(15pF), user spec
Symmetry (Duty)		50% ±10%, user spec
Output rise and fall time (Tr/Tf)		10ns Max(except 32.768KHz), user spec
Output high level (COMS / TTL)		90% Vdd / 2.4V Min
Output low level (CMOS / TTL)		10% Vdd / 0.4V Max
Pin 1 Function	Enable input voltage	70% Vdd Min, N.C
	Disable input voltage	30% Vdd Max
Oscillation start up time		5ms Max
Aging (Initial first year)		± 3ppm Max
Phase jitter (12KHz ~ 20MHz)		1ps RMS Max
Period jitter (pk-pk)		25ps Max

Table (mA)

	3.3V	5.0V
≤ 25.00M	10	15
≤ 4000M	15	20
≤ 60.00M	20	30
≤ 80.00M	25	35
≤ 106.25M	30	45
≤ 250.00M	50	

■ Dimensions (mm)

