



### ■ METAL HALF OSC (DIP 8PIN)

- 8pin Dip Package
- Available 3-state function
- Mode : Fundamental, 3rd
- CMOS & TTL OUTPUT

■ Applications : PC, Monitor, Vision equipment, Printer, FAX

### ■ Standard Specification

Frequency Range	0.0327MHZ to 125.000MHZ	
Supply voltage	3.3V, 5.0V	
Current consumption	See table →	
Temperature Range	Operating	-40°C to +85°C, User spec
	Storage	-55°C to +125°C
Frequency Stability	±50ppm max, User spec	
Output load condition (CMOS / TTL)	CMOS 15pF (STD), 30pF MAX, 10TTL	
Symmetry (Duty)	45% to 55%, 40% to 50% (30pF)	
Output rise and fall time (tr/tf)	5ns max, 7ns max (30pF)	
High output voltage (COMS / TTL)	90% Vdd, 2.4V min	
Low output voltage (CMOS / TTL)	10% Vdd, 0.4V max	
Output enable voltage	70% Vdd min	
Output disable voltage	30% Vdd max	
Oscillation start up time	5ms max	
Aging	± 3ppm max	
phase Jitter (12KHZ ~20MHZ)	1 ps max	
Period Jitter (Pk-Pk)	Fund O/T : ±40ps max, 3rd O/T : ±100 ps max	

### ■ Current consumption : mA max

	3.3V	5.0V
≤ 25.00M	10	15
≤ 40.00M	15	20
≤ 60.00M	20	30
≤ 80.00M	25	35
≤ 106.25M	30	45
≤ 125.00M	40	

### ■ Dimensions (mm)

