

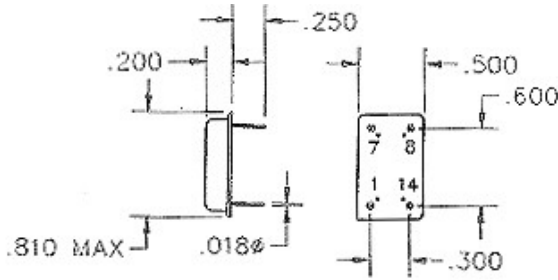
**Oscillator, 14 Pin Dip**

**Low Frequency**

DATA SHEET	
Part Number	A110
Frequency Range	1.00KHz ~ 1.000MHz
Frequency Stability*	±100PPM Standard (See Option Table)
Operating Temperature Range	-20°C ~ 70°C Standard (See Option Table)
Supply Voltage (Vcc)	+5.0VDC ± 10%
Current Consumption	10mA
Output Levels (HCMOS)	Voh = Vcc - 2.4V Min, Vol = 0.4V Max
Rise Time (Tr) 10% to 90% of Vcc	10nS Max
Fall Time (Tr) 90% to 10% of Vcc	10nS Max
Output Symmetry	50 ± 5% measured at 1/2Vcc
Output Load	Fanout
Storage Temperature	-55°C ~ 125°C
Tri-State (input pin 1)	Output Active 4.0V Min Output High Z 0.8V Max
Aging	±3.0ppm / year
Packaging	25 pcs Tube, 200pc Box
*Inclusive of calibration, temperature, supply and load.	

OUTLINE DRAWING

Pin Connection	
1	N/C (Tri-State)
7	GND
8	Output
14	+ Vcc



PART NUMBER TABLE

Option Code	Specification
A1	Symmetry 50±1%
C	Stability ±50PPM
C1	Stability ±25PPM
D	Output Tri-State
F	Lead Configuration Gull Wing

**Part Number Generation**

A110 • Option Code • Frequency  
ex: A110A1-12.800M  
(±100ppm, 49/51 Symm, -20°C ~ +70°C)

Please contact factory for suctom specifications