

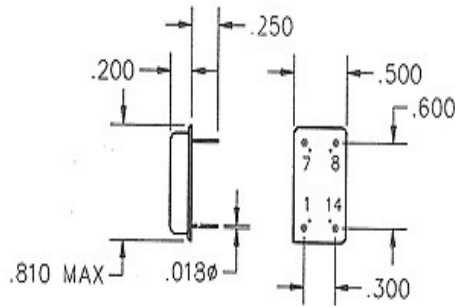
**Oscillator, 14 Pin Dip**

**15pF Output Drive for Low EMI**

DATA SHEET	
Part Number	A104
Frequency Range	1.500MHz ~ 75.000MHz
Frequency Stability*	±100PPM Standard (See Option Table)
Operating Temperature Range	-10°C ~ 60°C Standard (See Option Table)
Supply Voltage (Vcc)	+5.0VDC ± 10%
Current Consumption	15mA < 20M, 50mA > 20M
Output Levels (HCMOS)	Voh = Vcc - .25V Min, Vol = 0.5V Max
Rise Time (Tr) 10% to 90% of Vcc	8nS Max
Fall Time (Tr) 90% to 10% of Vcc	8nS Max
Output Symmetry	50 ± 10% measured at 1/2Vcc
Output Load	15pF HCMOS
Storage Temperature	-40°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
A	Symmetry 50±5%
B	Operating Temp -15°C ~ 75°C
C	Stability ±50PPM
C1	Stability ±25PPM
C2	Stability ±10PPM
D	Output Tri-State
F	Lead Configuration Gull Wing

**Part Number Generation**

A104 • Option Code • Frequency • Packaging  
ex: A104A-12.800M-TR  
(±100ppm, 45/55 Symm, -10°C ~ +60°C)

Please contact factory for custom specifications