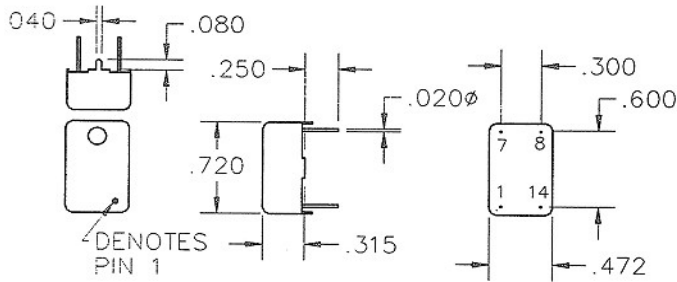


VCNCXO

DATA SHEET	
Part Number	VT1110
Frequency Range	8.000MHz ~ 70.000MHz
Frequency Stability	±3.0PPM Std (See Option Table)
Operating Temperature Range	0°C ~ +50°C Standard (See Option Table)
Supply Voltage	+5.0VDC ±5%
Frequency Stability vs Supply Voltage	±0.5PPM Max
Current Consumption	20mA Max
Output Wave Form	Square Wave
Output Load	15pF HCMOS
Output Voltage	Vol = 0.5V Max, Voh = Vcc - .25V Min
Output Symmetry	50 ± 10% measured at ½ Vcc
Rise (Tr) and Fall (Tf) Time 10-90% of Vcc	8nS Max
Aging per year	±1.0PPM Max
Storage Temperature	-40°C ~ 85°C
Tuning Range (Electronic Frequency Control)	±5.0PPM Min (frequency dependant)
Control Voltage	2.5VDC ±2.0V
Frequency Adjustment	Mechanical Trimmer, ±3.0PPM Min

OUTLINE DRAWING



Pin Connection	
1	+Vc Control
7	GND
8	Output
14	+Vcc

PART NUMBER TABLE

Option Code	Specification
A	Stability ±1.0 PPM
B	Stability ±2.5 PPM
C	Stability ±5.0 PPM
D	Stability ±2.0 PPM
E	Operating Temp 0°C ~ +50°C
Y	Operating Temp -10°C ~ +65°C
Z	Operating Temp -30°C ~ +75°C
Q	Custom Operating Temperature

Part Number Generation

VT1110 · Option Code · Frequency
ex: VT1110X-10.000M
(±3.0PPM stability, 0°C ~ +50°C)

Please contact factory for custom specifications