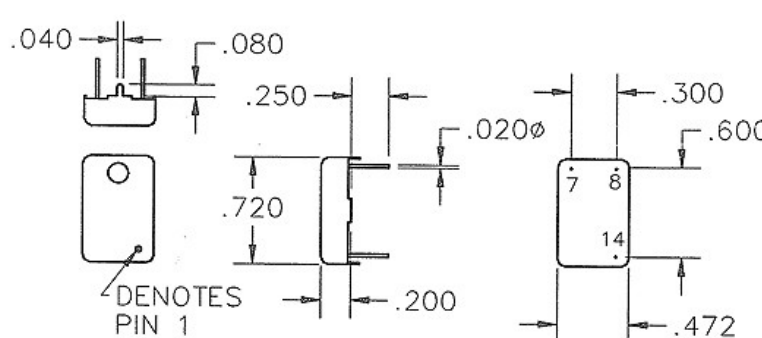


TCXO, Low Profile

DATA SHEET									
Part Number	TC1105								
Frequency Range	1.2000MHz ~ 45.000MHz								
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	V _{ol} = 0.5V Max, V _{oh} = V _{cc} - .25V Min								
Output Symmetry	50 ± 10% measured at ½ V _{cc}								
Rise (Tr) and Fall (Tf) Time 10-90% of V _{cc}	8nS Max								
Aging per year	±1.0PPM Max								
Storage Temperature	-40°C ~ 85°C								
Frequency Adjustment	Mechanical Trimmer, ±3.0PPM Min								
OUTLINE DRAWING									
 <table border="1" data-bbox="957 963 1101 1108"> <thead> <tr> <th colspan="2">Pin Connection</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>GND</td> </tr> <tr> <td>8</td> <td>Output</td> </tr> <tr> <td>14</td> <td>+V_{cc}</td> </tr> </tbody> </table>		Pin Connection		7	GND	8	Output	14	+V _{cc}
Pin Connection									
7	GND								
8	Output								
14	+V _{cc}								
PART NUMBER TABLE									
Option Code	Specification	<p align="center">Part Number Generation</p> <p align="center">TC1105 · Option Code · Frequency ex: TC1105X-10.000M (±3.0PPM stability, 0°C ~ +50°C)</p> <p align="center">Please contact factory for custom specifications</p>							
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								