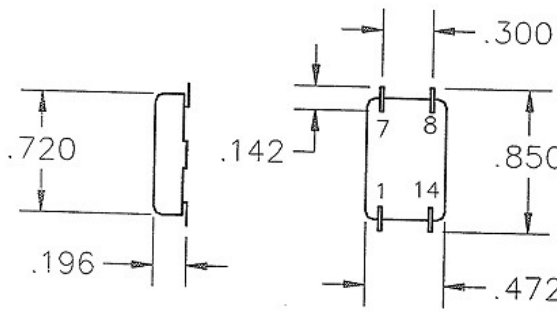


**TCXO, Low Profile SMD**

DATA SHEET											
Part Number	TC1105S										
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 <sub>ol</sub> = 0.5V Max, V <sub>oh</sub> = V <sub>cc</sub> - .25V Min										
Rise (Tr) and Fall (Tf) Time 10-90% of V <sub>cc</sub>	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"> <thead> <tr> <th colspan="2">Pin Connection</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N/C</td> </tr> <tr> <td>7</td> <td>GND</td> </tr> <tr> <td>8</td> <td>Output</td> </tr> <tr> <td>14</td> <td>+V<sub>cc</sub></td> </tr> </tbody> </table>		Pin Connection		1	N/C	7	GND	8	Output	14	+V <sub>cc</sub>
Pin Connection											
1	N/C										
7	GND										
8	Output										
14	+V <sub>cc</sub>										
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										
<p align="center"><b>Part Number Generation</b></p> <p align="center">TC1105S · Option Code · Frequency ex: TC1105SX-10.000M (±3.0PPM stability, 0°C ~ +50°C)</p> <p align="center">Please contact factory for custom specifications</p>											