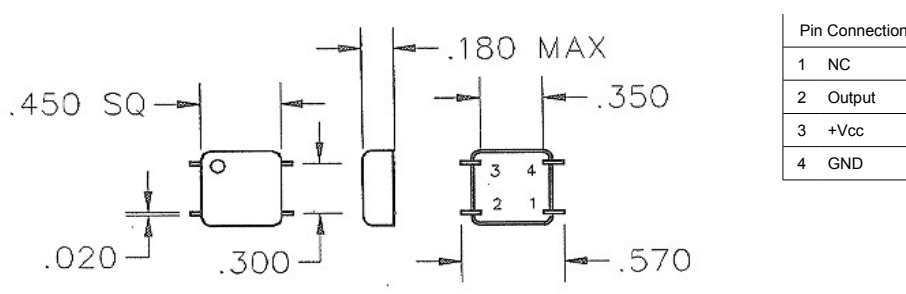


TCXO, Miniature SMD

3.3 Volt

DATA SHEET											
Part Number	TC1104S3										
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	+3.3VDC ±5%										
Frequency Stability vs Supply Voltage	±0.5PPM Max										
Current Consumption	10mA Max										
Output Wave Form	Square Wave										
Output Load	15pF HCMOS										
Output Voltage	V _{ol} = 0.3V Max, V _{oh} = V _{cc} - .1V 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="957 952 1093 1120"> <thead> <tr> <th colspan="2">Pin Connection</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NC</td> </tr> <tr> <td>2</td> <td>Output</td> </tr> <tr> <td>3</td> <td>+V_{cc}</td> </tr> <tr> <td>4</td> <td>GND</td> </tr> </tbody> </table>		Pin Connection		1	NC	2	Output	3	+V _{cc}	4	GND
Pin Connection											
1	NC										
2	Output										
3	+V _{cc}										
4	GND										
PART NUMBER TABLE											
Option Code	Specification	<p align="center">Part Number Generation</p> <p align="center">TC1104S3 · Option Code · Frequency ex: TC1104S3X-10.000M (±3.0PPM stability, 0°C ~ +50°C)</p> <p align="center">Please contact factory for custom specifications</p>									
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										