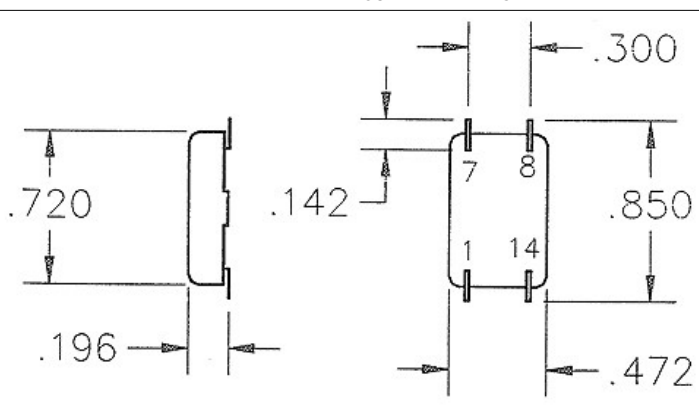


VCTCXO, Low Profile SMD

DATA SHEET											
Part Number	VT1105S										
Frequency Range	8.000MHz ~ 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	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										
Control Voltage	2.5VDC ±2.0V										
Frequency Adjustment	Mechanical Trimmer, ±3.0PPM Min										
OUTLINE DRAWING											
 <table border="1" data-bbox="957 1209 1101 1377"> <thead> <tr> <th colspan="2">Pin Connection</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>+Vc Control</td> </tr> <tr> <td>7</td> <td>GND</td> </tr> <tr> <td>8</td> <td>Output</td> </tr> <tr> <td>14</td> <td>+Vcc</td> </tr> </tbody> </table>		Pin Connection		1	+Vc Control	7	GND	8	Output	14	+Vcc
Pin Connection											
1	+Vc Control										
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14	+Vcc										
PART NUMBER TABLE											
Option Code	Specification	<p align="center">Part Number Generation</p> <p align="center">VT1105S · Option Code · Frequency ex:VT1105SX-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										