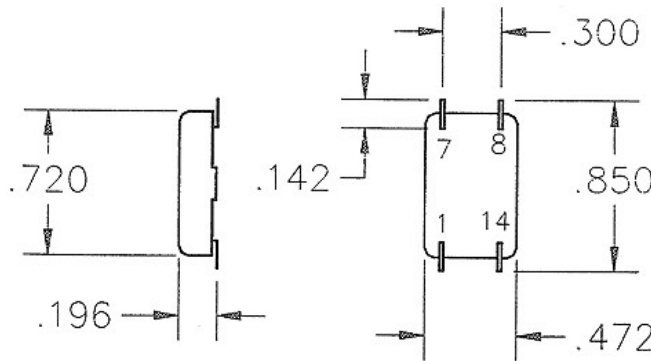


VCTCXO Low Profile SMD

DATA SHEET																			
Part Number	VT1005S																		
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	5mA Max																		
Output Wave Form	Clipped Sine																		
Output Load	10KΩ // 10pF																		
Output Voltage	1Vp-p Min																		
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 1142 1101 1310"> <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								
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