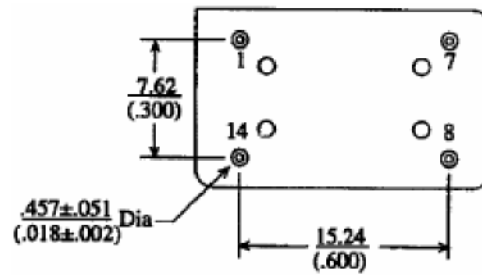
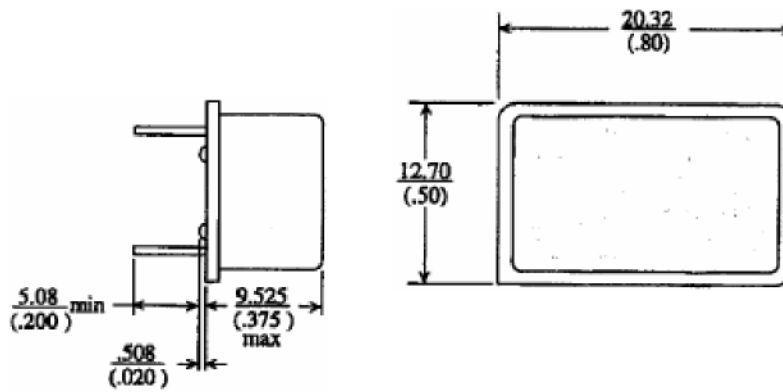


## VTA7 Series

<b>Frequency Range:</b>	1.25 MHz to 100 MHz
<b>Input Voltage:</b>	<b>A</b> = 5.0v <b>B</b> = 3.3v <b>C</b> = 3.0v <b>D</b> = 2.8v
<b>Output Logic:</b>	TTL / CMOS
<b>Pulling Range:</b>	<b>0</b> = TCXO, No Control Voltage <b>1</b> = $\pm 5$ ppm <b>2</b> = $\pm 8$ ppm <b>3</b> = $\pm 10$ ppm
<b>Frequency Stability:</b>	<b>1</b> = $\pm 1$ ppm <b>B</b> = $\pm 1.5$ ppm <b>2</b> = $\pm 2$ ppm <b>C</b> = $\pm 2.5$ ppm <b>3</b> = $\pm 3$ ppm <b>D</b> = $\pm 3.5$ ppm <b>4</b> = $\pm 4$ ppm <b>5</b> = $\pm 5$ ppm
<b>Temperature Range:</b>	<b>A</b> = 0 to 55° <b>B</b> = -10 to 60° <b>C</b> = -20 to 70° <b>D</b> = -30 to 75° <b>E</b> = -40 to 85°
<b>Stability vs. Supply:</b>	$\pm 0.2$ ppm max.
<b>Aging (typical):</b>	< 1.0ppm/year
<b>Current:</b>	35 mA max.
<b>Phase Noise:</b> (Typical)	-100dbc/hz @100Hz -125dbc/hz @1 kHz -140dbc/hz @100kHz

Rev1: 04/28/04



mm  
(in.)

Pin 1: Voltage Control, Pin 7: Case Ground, Pin 8: Output, Pin 14: Supply