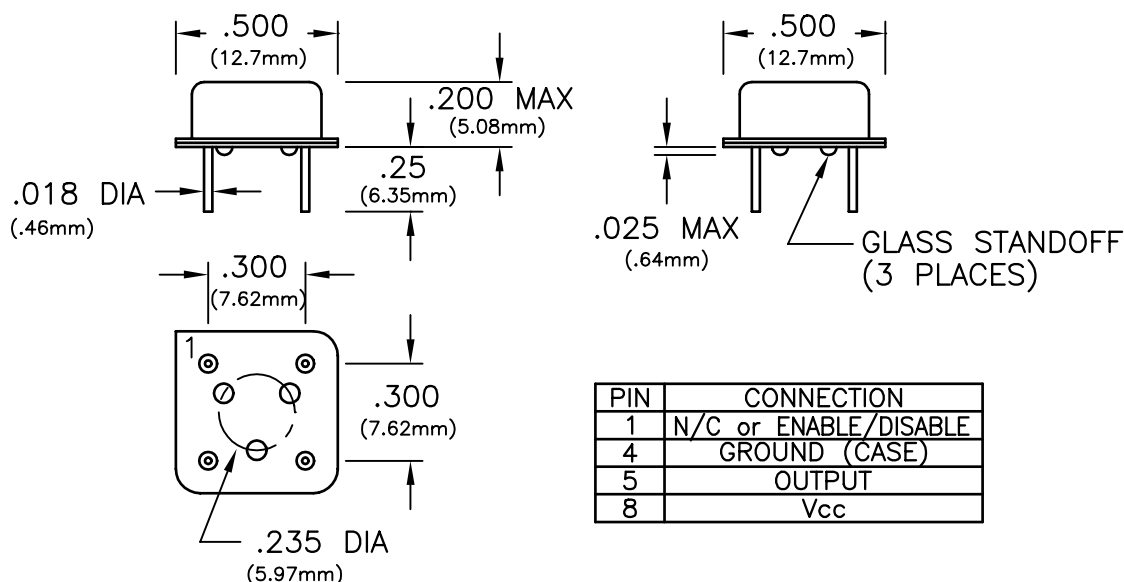


3 VOLT LOGIC CLOCK OSCILLATORS

SPECIFICATIONS	A54AA	A54RA
Frequency Range	13MHz to 80MHz	
Frequency Stability	$\pm 20\text{ppm}$	
	(Inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, load change, 10yr aging, shock and vibration)	
Temperature Range	0°C to +70°C	
Output	Waveform	CMOS Squarewave , TTL Compatible
	Load	50pF Maximum
	Voltage Voh	Vcc - .5V Minimum
	Vol	.44V Maximum
	Current Ioh	-24mA
	Iol	24mA
	Duty Cycle	45/55 Maximum Measured at 2V
	Rise/Fall Time	1nS Typical , 3nS Maximum
	Jitter	5pS RMS Maximum
Input	Enable/Disable	N/A
	Output Enable/Disable Time	100nS
	Enable Vih	2.1V Minimum
	Disable	0.8V Maximum
	Oscillator output is enabled with no connection on pin 1	
Start Up Time	10mS Maximum	
Supply Voltage	3Vdc Minimum , 6Vdc Maximum	
Supply Current	50mA Maximum @ 3Vdc	
Package	All metal, hermetically sealed, welded package	



PIN	CONNECTION
1	N/C or ENABLE/DISABLE
4	GROUND (CASE)
5	OUTPUT
8	Vcc