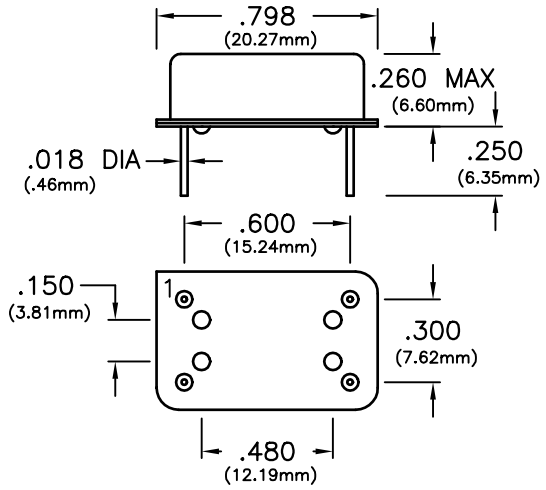
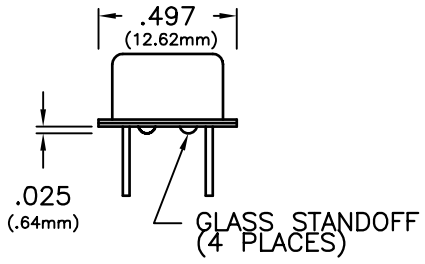
CONNOR–WINFIELD CORPORATION

AURORA, IL. 60505
PHONE (630) 851–4722
FAX (630) 851–5040

HCMOS/TTL COMPATIBLE TRI–STATE OUTPUT

SPECIFICATIONS			HC54R8R	HC64R8R
Frequency Range			1MHz to 70MHz	
Frequency Stability			±20ppm	
			(Inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, load change, aging, shock and vibration)	
Temperature Range			0°C to +70°C	–40°C to +85°C
Output	Waveform		HCMOS Squarewave or TTL Compatible	
	Load		HCMOS–50pF , TTL–10TTL	
	Voltage	Voh	4.5V Minimum	
		Vol	0.5V Maximum	
	Current	Ioh	–16mA	
		Iol	16mA	
	Duty Cycle		45/55 Maximum Measured at 50% level	
	Rise/Fall Time		5nS Maximum	
Input	Output E/D Time		100nS Typical	
	Enable (Vih)		2.2V Minimum	
	Disable (Vil)		0.8V Maximum	
			Oscillator output is enabled with no connection on pin 1	
Start Up Time			10mS Maximum , 3mS Typical	
Supply Voltage			+5Vdc ±10%	
Supply Current	1 to 25M		25mA Maximum	
	25 to 50M		45mA Maximum	
	50 to 70M		60mA Maximum	
Package			All metal, hermetically sealed, welded package	





PIN	CONNECTION
1	ENABLE/DISABLE
7	GROUND (CASE)
8	OUTPUT
14	(+) SUPPLY

Dimensional Tolerance ±.005

Specifications subject to change without notice

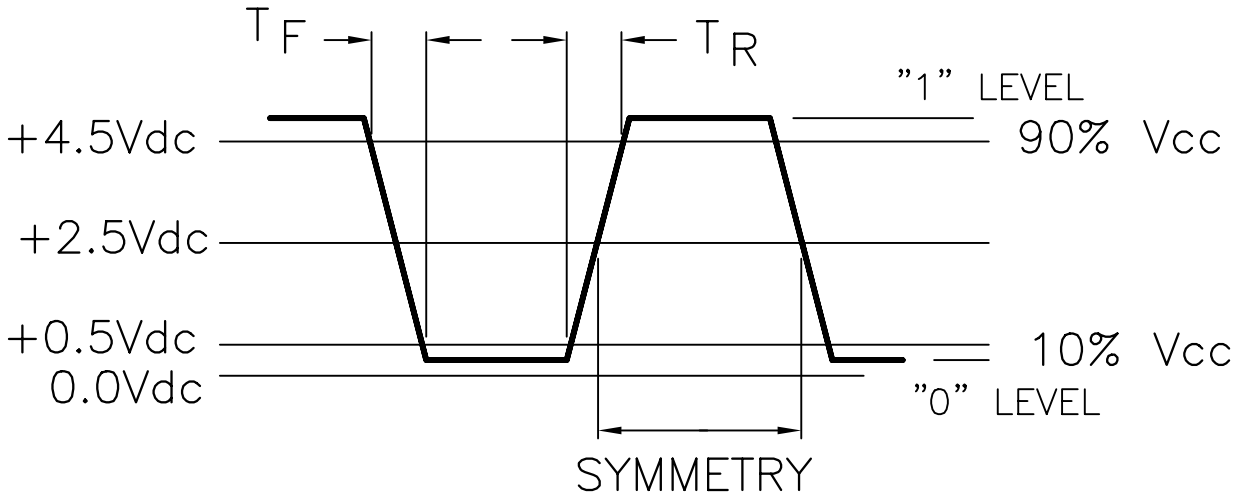
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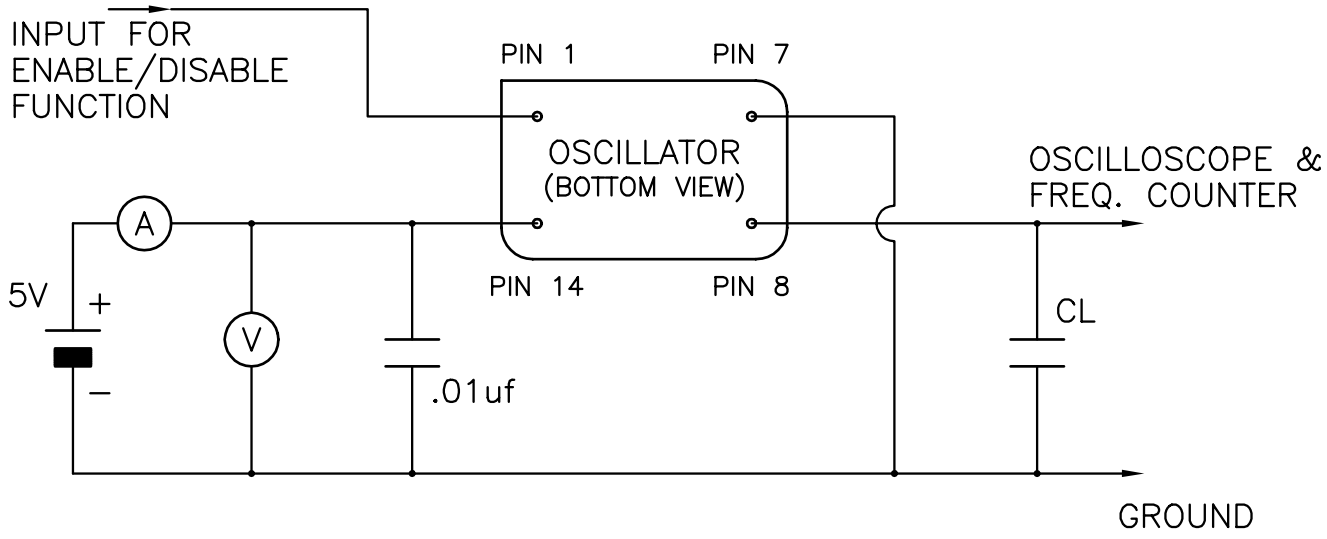
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OUTPUT WAVEFORM



TEST CIRCUIT



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