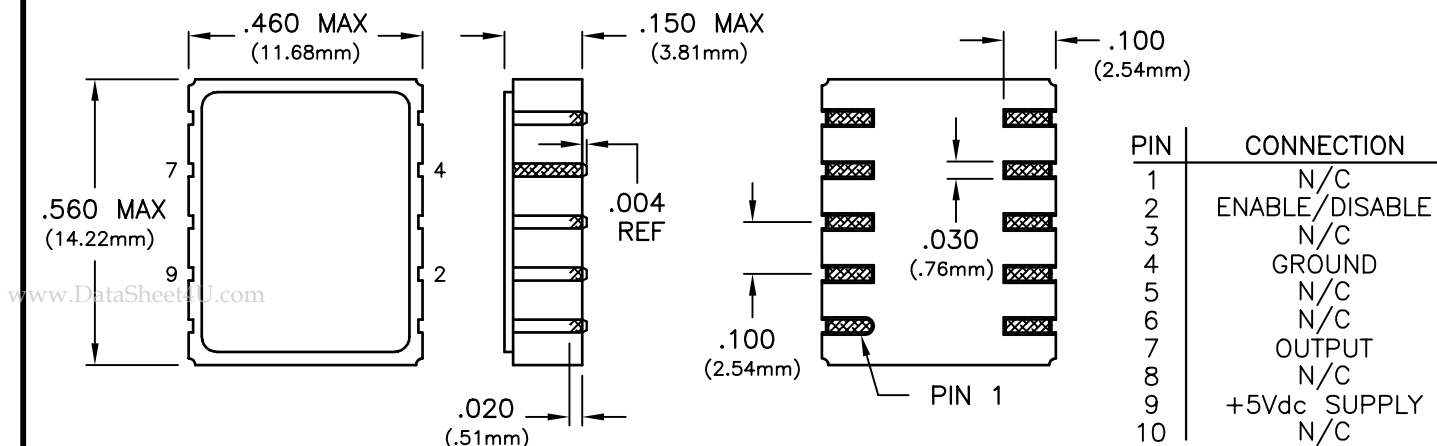


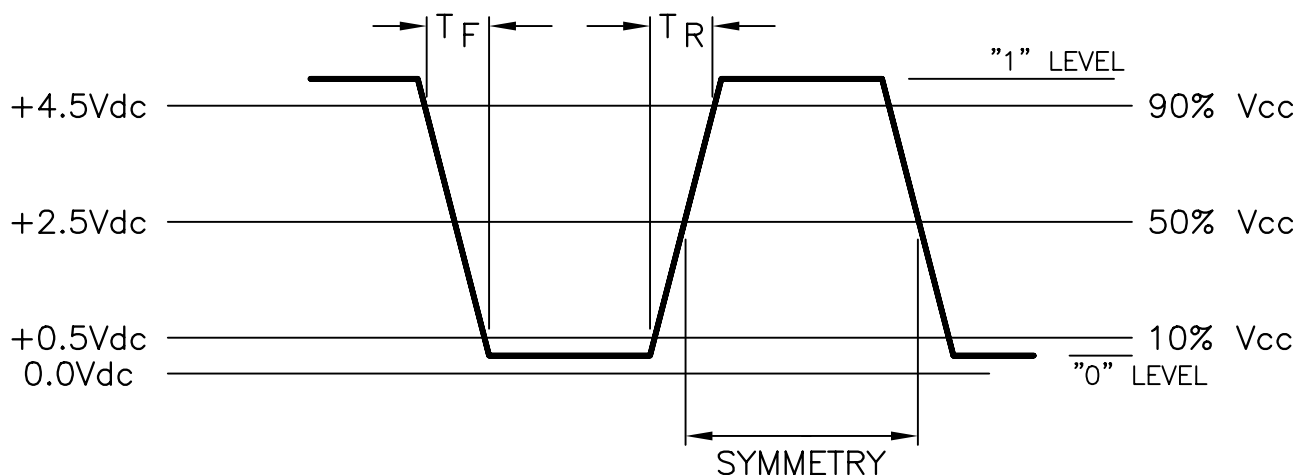
SURFACE MOUNT HCMOS OSCILLATOR

SPECIFICATIONS		SMH61R	SMH62R	SMH63R	SMH64R
Frequency Range		200KHz to 70MHz			
Frequency Stability		±25ppm	±50ppm	±100ppm	±20ppm
		(Inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, load change, aging, shock and vibration, over a period of 15 yrs.)			
Temperature Range		−40°C to +85°C			
Output	Waveform	HCMOS Squarewave , TTL Compatible			
	Load	HCMOS – 50pF , TTL – 10 TTL			
	Voltage	Voh	4.5V Minimum		
		Vol	0.5V Maximum		
	Current	Ioh	−16mA		
		Iol	16mA		
	Duty Cycle	45/55 Maximum			
	Rise/Fall Time	7nS Maximum			
Input	Output E/D Time	100nS Maximum			
	Enable (Vih)	2.2V Minimum			
	Disable (Vil)	0.8V Maximum			
		Oscillator output is enabled with no connection on pin 2			
Start Up Time		10mS Maximum			
Supply Voltage		+5Vdc ±10%			
Supply Current		70mA Maximum			
Package		Hermetically sealed, leadless ceramic package			

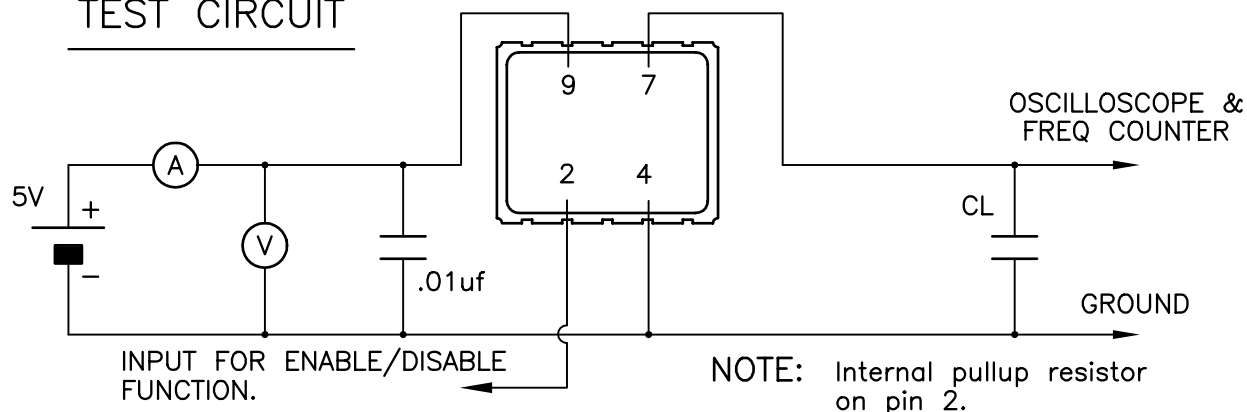


SURFACE MOUNT HCMOS OSCILLATOR

OUTPUT WAVEFORM



TEST CIRCUIT



SUGGESTED PAD LAYOUT

