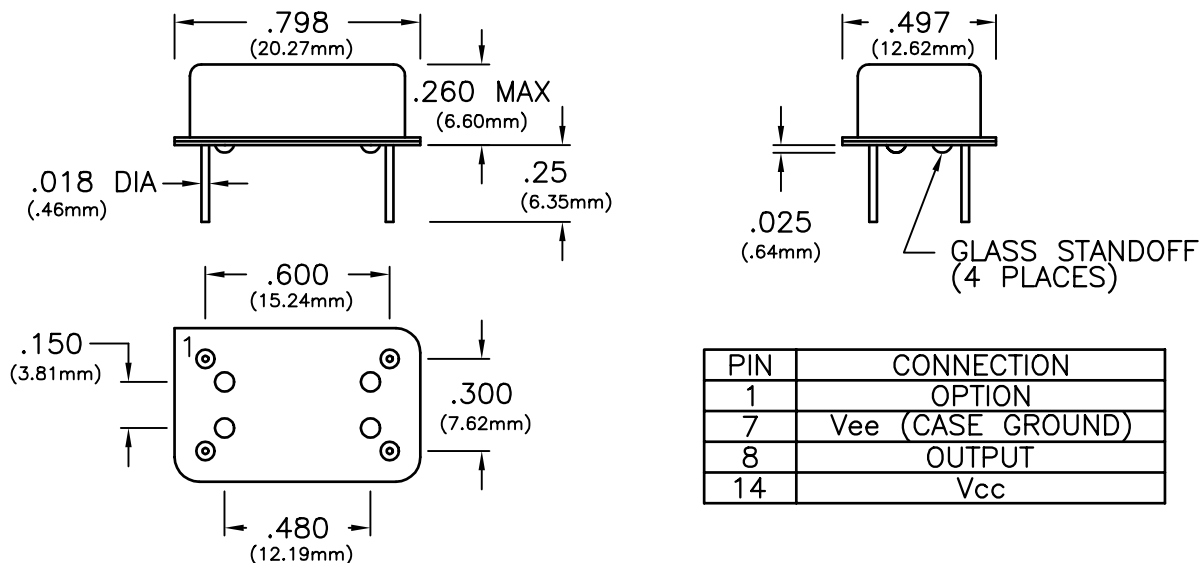


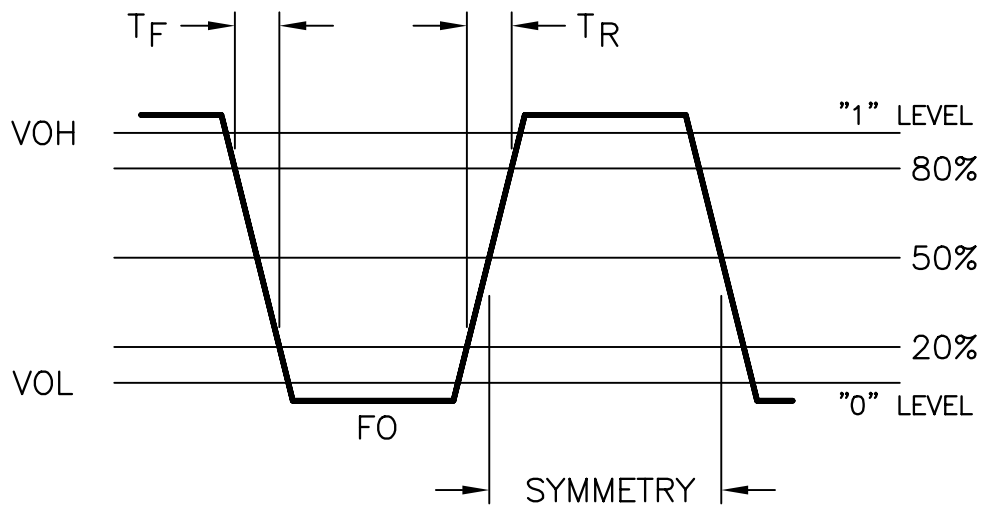
**14 PIN DIP PECL**

SPECIFICATIONS		EH13-62*	EH13-63*
Frequency Range		10MHz to 160MHz	
Frequency Stability		±50ppm	±100ppm
		(Inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, load change, aging, shock and vibration)	
Temperature Range		-40°C to +85°C	
Output	Waveform	PECL Squarewave, 10K Compatible	
	Voltage Voh	3.98 Minimum , 4.26 Maximum	
	Vol	3.05 Minimum , 3.40 Maximum	
	Duty Cycle	45/55 Maximum at 3.67V	
	Rise/Fall Time	2.3nS Maximum	
		Output must be terminated into 50 ohms to +3Vdc -OR- 270 ohms to Vee	
Supply Voltage		+5Vdc ±5%	
Supply Current		85mA Maximum	
Package		All metal, hermetically sealed, welded package	
Options (*) (add number to end of model number)	0	Pin 1: No Connection	
	1	Pin 1: Complementary Output	
	2	Pin 1: Enable/Disable Enable; Low Level, Vil (3.40V Max) , Disable; High Level, Vih (3.87V Min) NOTE: When oscillator is disabled the output is in a low state (vol)	



PIN	CONNECTION
1	OPTION
7	Vee (CASE GROUND)
8	OUTPUT
14	Vcc

## OUTPUT WAVEFORM



## TEST CIRCUIT

