



CONNOR-WINFIELD CORPORATION

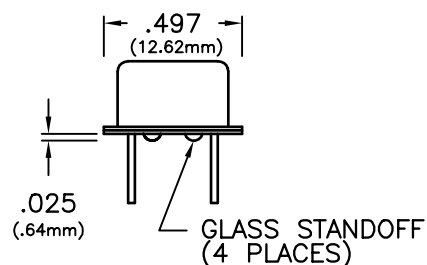
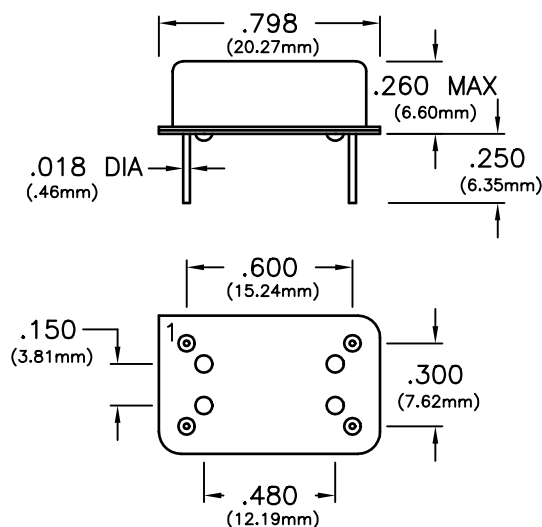
AURORA, IL. 60505

PHONE (630) 851-4722

FAX (630) 851-5040

14 PIN DIP ECL

SPECIFICATIONS		EH01-51*	EH01-52*	EH01-53*	EH01-54*
Frequency Range		10MHz to 400MHz			
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)			
Temperature Range		0°C to +70°C			
Output	Waveform	ECL Squarewave, 10K Compatible			
	Voltage				
	Voh	-1.02 Minimum , -0.735 Maximum			
	Vol	-1.95 Minimum , -1.60 Maximum			
	Duty Cycle	45/55 Maximum measured at 50% level			
		2.3nS Maximum			
		Output must be terminated into 50 ohms to -2Vdc referenced to Vcc			
Supply Voltage		-5.2Vdc ±5%			
Supply Current		85mA Maximum			
Package		All metal, hermetically sealed, welded package			
Options *	0	Pin 1: No Connection			
	1	Pin 1: Complementary Output			
	2	Pin 1: Enable/Disable Enable; Low Level, Vil (-1.60V Max) , Disable; High Level, Vih (-1.02V Min) NOTE: When oscillator is disabled the output is in a low state (vol)			
(add letter to end of model number)					



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

Dimensional Tolerance ±.005

Specifications subject to change without notice

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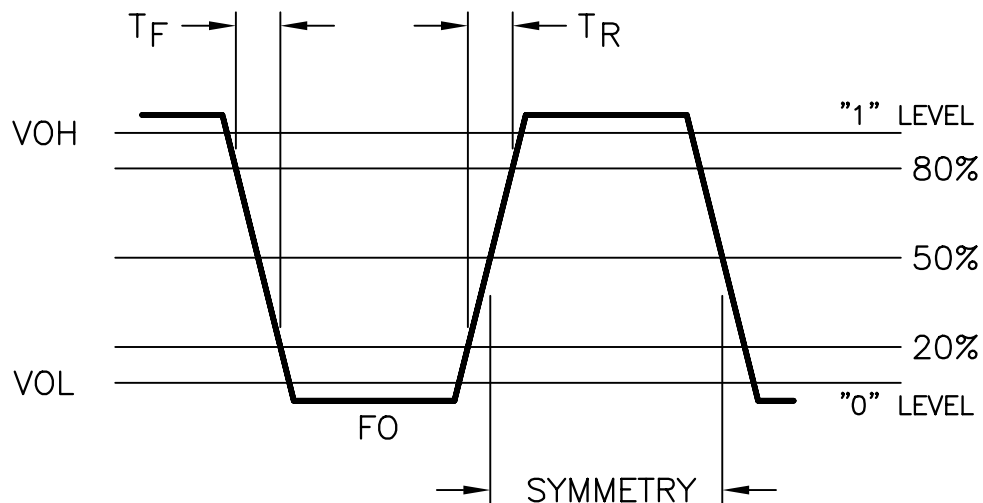
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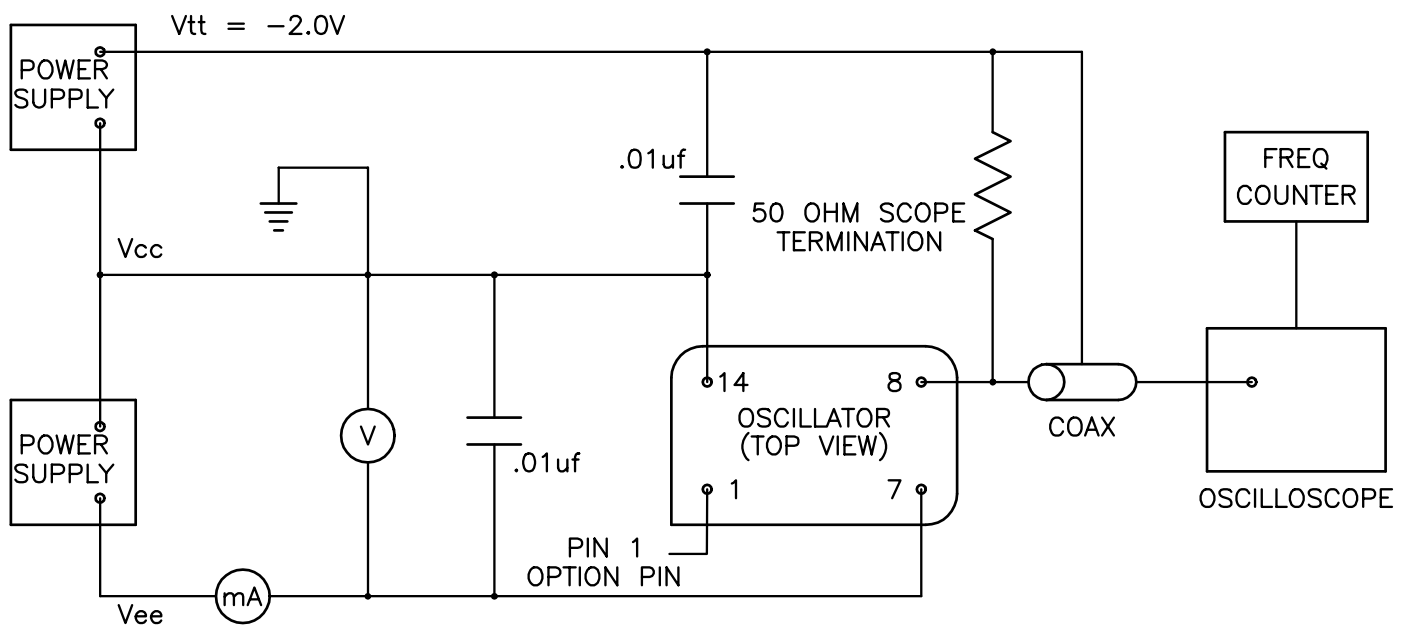
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OUTPUT WAVEFORM



TEST CIRCUIT



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