

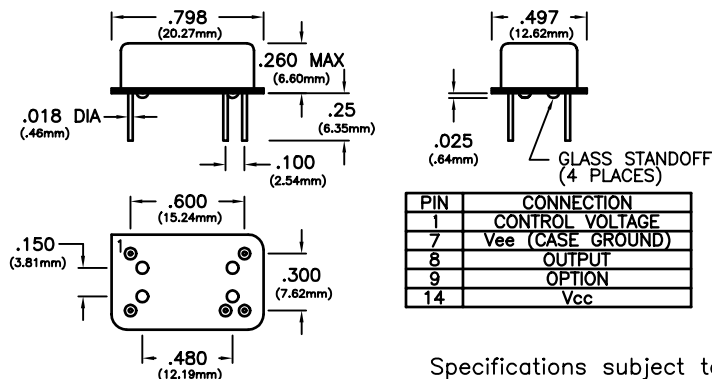


CONNOR-WINFIELD CORPORATION

AURORA, IL. 60505
 PHONE (630) 851-4722
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14 PIN DIP PLL PECL VCXO

SPECIFICATIONS	GV23-55*	
Frequency	155.52MHz	
Operating Temp Range	0°C to +70°C	
Storage Temp Range	-55°C to +125°C	
Frequency Stability		
Vs Calibration @ 25°C, 2.5V pin 1 (Reference to 155.52 MHz)	±15ppm	
Vs Operating temp range, 2.5V pin 1 (Reference to frequency @ 25°C, 2.5V pin 1)	±10ppm	
Waveform	PECL Squarewave , 100K Compatible	
Voltage $\frac{V_{oh}}{V_{ol}}$	4.0V Minimum , 4.5V Maximum	
Symmetry	45/55 Maximum measured at 50% level	
Rise/Fall Time	750pS Maximum	
Jitter	10pS rms Maximum	
	Output must be terminated into 50 Ohms to +3Vdc	
Frequency Control	Positive Transfer Characteristic	
Control Voltage	0 to 5V	
Deviation @25°C	±75ppm Minimum , ±140ppm Maximum	
Center Frequency	2.5Vdc ±0.5Vdc	
Linearity	< ±10%	
Input Impedance	> 50K Ohms @ < 10 KHz	
Supply Voltage	+5Vdc ±10%	
Supply Current	100mA Maximum	
Package	All metal, hermetically sealed, welded package	
Options *	1	Pin 9: Complementary Output
(add letter to end of model number)	2	Pin 9: Enable/Disable Enable: Low Level (Vil) , Disable: High Level (Vih) NOTE: When oscillator is disabled the output is in a low state (Vol)



Specifications subject to change without notice

BULLETIN #: GA021
 PAGE 1 OF 2

REV: 00
 DATE: 1/16/98

ISSUED BY: _____

Dimensional Tolerance: ±.02"
 ±.005"



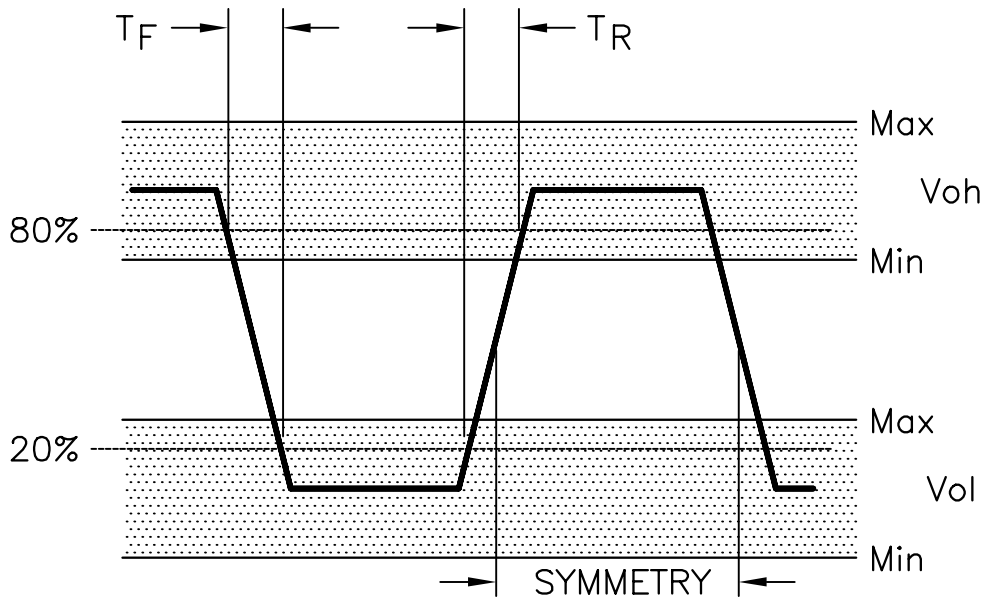
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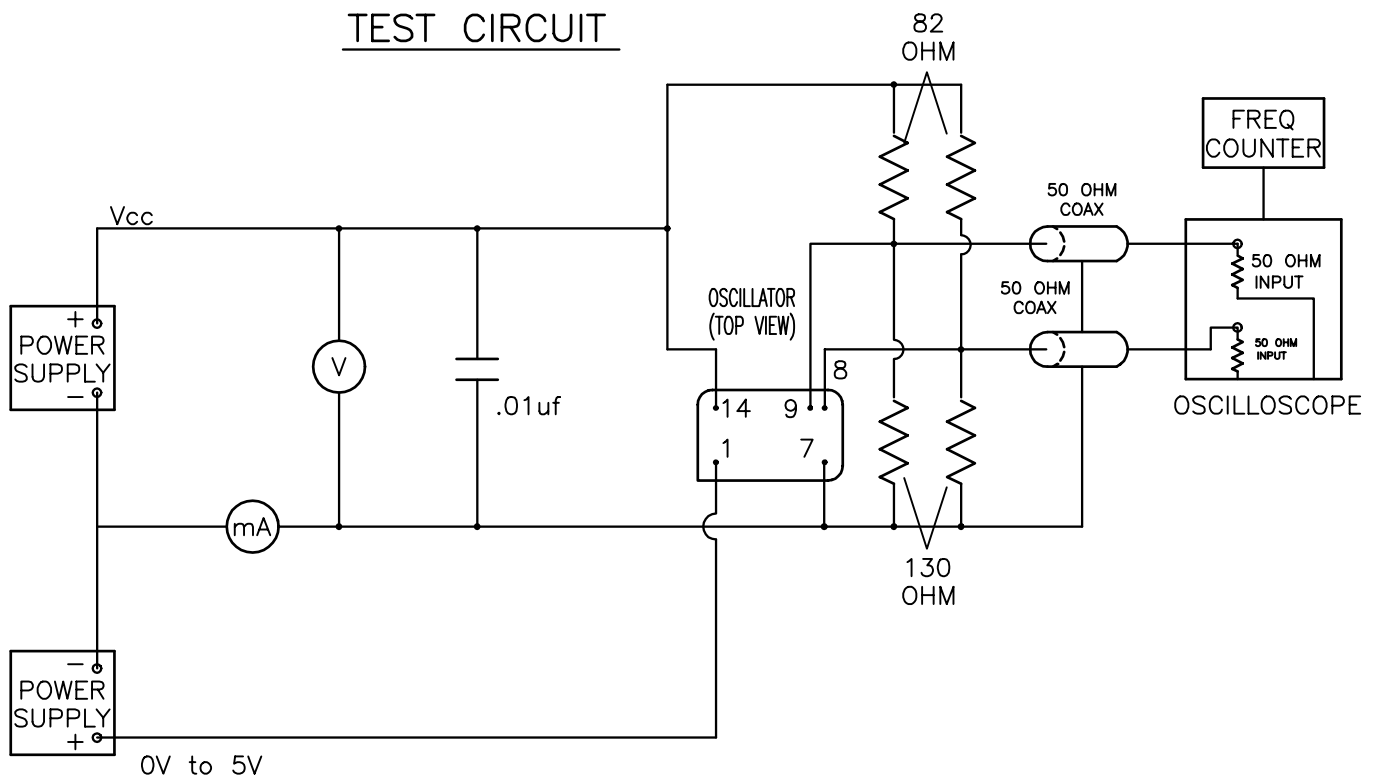
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OUTPUT WAVEFORM



TEST CIRCUIT



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