



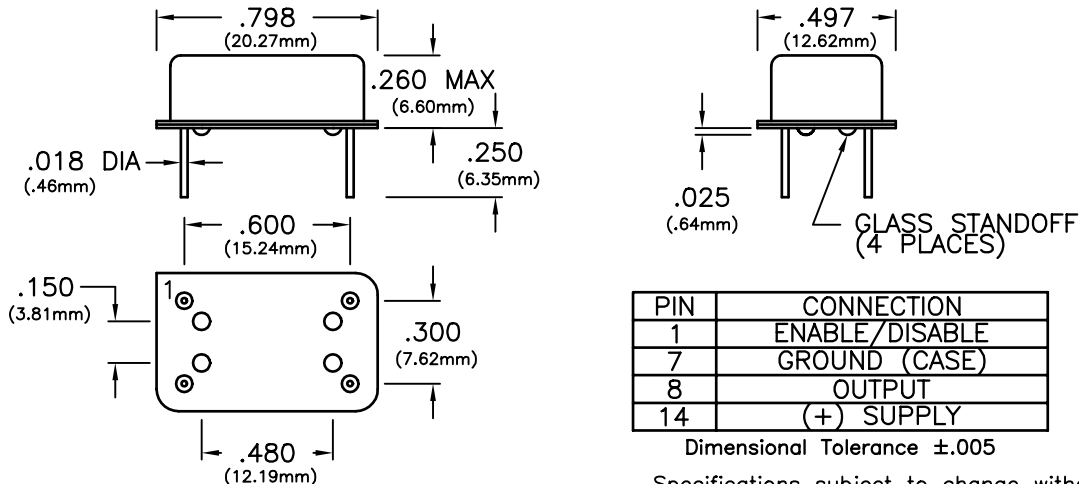
# CONNOR-WINFIELD CORPORATION

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## ACMOS ENABLE/DISABLE TRISTATE OUTPUT

SPECIFICATIONS	MPA51R	MPA52R	MPA53R	MPA54R	
Frequency Range	16MHz to 105MHz				
Frequency Stability	±25ppm	±50ppm	±100ppm	±20ppm	
	(Inclusive of calibration tolerance at 25°C and operating temperature range)				
Temperature Range	0°C to +70°C				
Output	Waveform	CMOS Squarewave, TTL Compatible			
	Load	15pF			
	Voltage	Voh	4.4V Minimum		
		Vol	0.44V Maximum		
	Current	Ioh	-24mA		
		Iol	24mA Max		
	Duty Cycle	48/52 Maximum Measured at 2.5V			
	Rise/Fall Time	1.5nS Typical			
Input	Output E/D Time	100nS Maximum			
	Enable (Vih)	2.0V Minimum			
	Disable (Vil)	0.8V Maximum			
	Oscillator output is enabled with no connection on pin 1				
Start Up Time	10mS Maximum				
Supply Voltage	+5Vdc ±10%				
Supply Current	150mA Maximum				
Package	All metal, hermetically sealed, welded package				

**WARNING!** Do not insert oscillator into a hot circuit. Failure to comply will result in damage to oscillator.



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ISSUED BY: \_\_\_\_\_