CONNOR–WINFIELD CORPORATION

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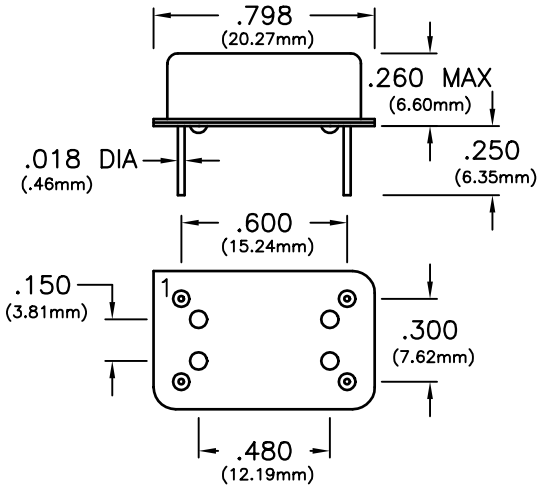
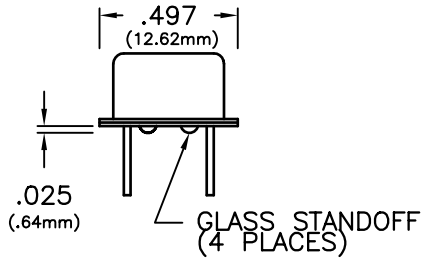
ACMOS ENABLE/DISABLE TRISTATE OUTPUT

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.





PIN	CONNECTION
1	ENABLE/DISABLE
7	GROUND (CASE)
8	OUTPUT
14	(+) SUPPLY

Dimensional Tolerance ±.005

Specifications subject to change without notice