



CONNOR-WINFIELD CORPORATION

AURORA, IL. 60505

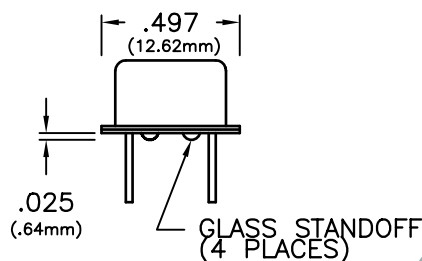
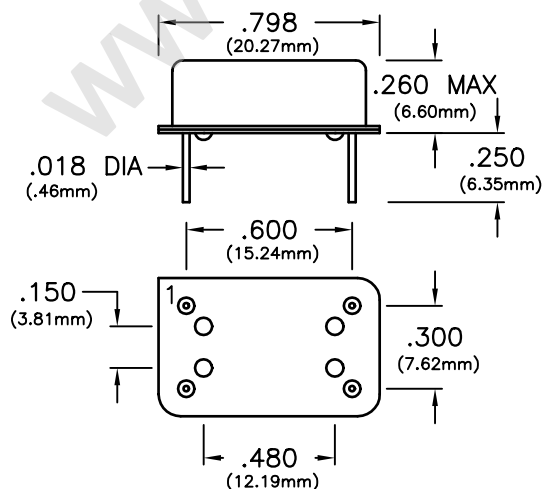
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ACMOS ENABLE/DISABLE TRISTATE OUTPUT

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

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ISSUED BY: _____