



# CONNOR-WINFIELD CORPORATION

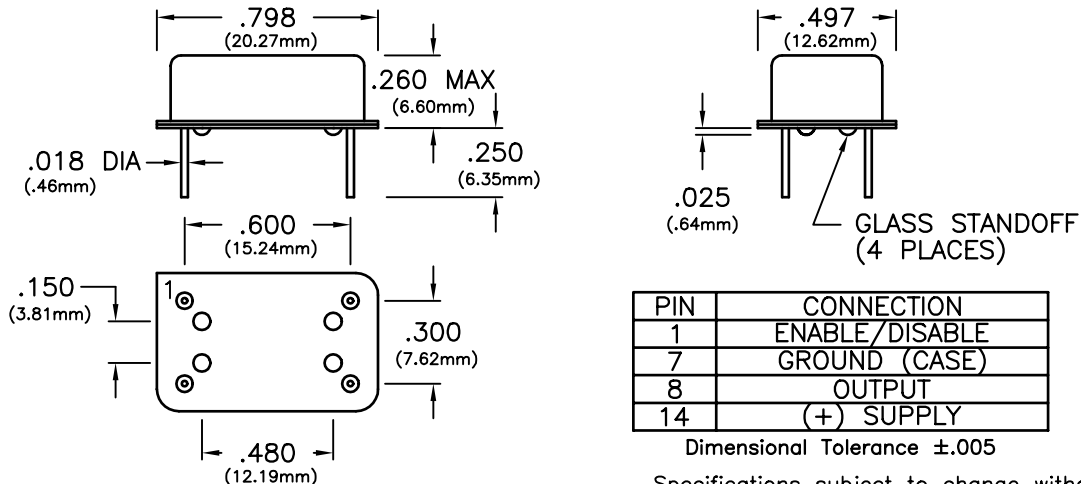
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## HCMOS/TTL COMPATIBLE TRI-STATE OUTPUT

SPECIFICATIONS	HC145R		
Frequency Range	4MHz to 50MHz		
Frequency Stability	±10ppm		
	(Inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, load change, shock and vibration)		
Temperature Range	-10°C to +60°C		
Output	Waveform	HCMOS Squarewave	
	Load	15pF	
	Voltage	Voh	4.5V Minimum
		Vol	0.5V Maximum
	Current	Ioh	-4.0mA
		Iol	4.0mA
	Duty Cycle	45/55 Maximum measured at 50% level	
	Rise/Fall Time	6nS Maximum	
Input	Output E/D Time	100nS Maximum	
	Enable (Vih)	2.2V Minimum	
	Disable (Vil)	0.8V Maximum	
	Oscillator output is enabled with no connection on pin 1		
Start Up Time	10mS Maximum		
Aging	±10ppm Typical		
Supply Voltage	+5Vdc ±10%		
Supply Current	25mA Maximum		
Package	All metal, hermetically sealed, welded package		



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