



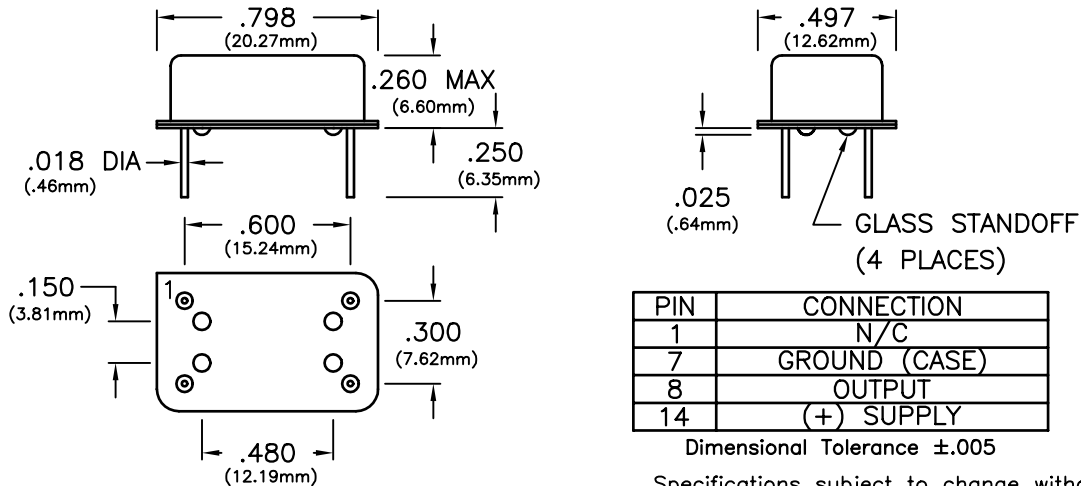
# CONNOR-WINFIELD CORPORATION

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 PHONE (630) 851-4722  
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## OSCILLATORS

### TIGHT TOLERANCE 14 PIN DIP HCMOS

SPECIFICATIONS	HC61R8	HC62R8	
Frequency Range	1MHz to 70MHz		
Frequency Stability	±25ppm	±50ppm	
	(Inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, load change, aging, shock and vibration)		
Temperature Range	-40°C to +85°C		
Output	Waveform	HCMOS or TTL Compatible Squarewave	
	Load	HCMOS - 50pF , TTL - 10TTL	
	Voltage	Voh	4.5V Minimum
		Vol	0.5V Maximum
	Current	Ioh	-16mA
		Iol	16mA
	Duty Cycle	45/55 Maximum measured at 50% level	
Rise/Fall Time	7nS Maximum , 4nS Typical		
Start Up Time	10mS Maximum		
Supply Voltage	+5Vdc ±10%		
Supply Current	1 to 25M	25mA Maximum	
	25 to 50M	45mA Maximum	
	50 to 70M	60mA Maximum	
Package	All metal, hermetically sealed, welded package		



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