CONNOR–WINFIELD CORPORATION

AURORA, IL. 60505

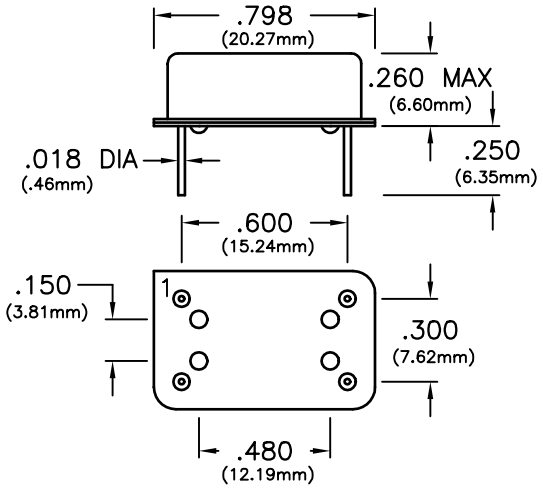
PHONE (630) 851–4722

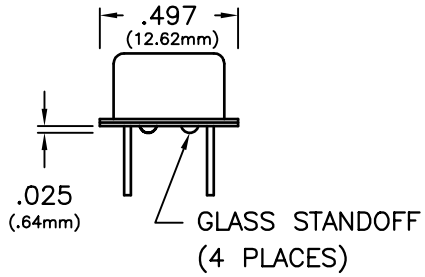
FAX (630) 851–5040

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	





PIN	CONNECTION
1	N/C
7	GROUND (CASE)
8	OUTPUT
14	(+) SUPPLY

Dimensional Tolerance ±.005

Specifications subject to change without notice