



CONNOR-WINFIELD CORPORATION

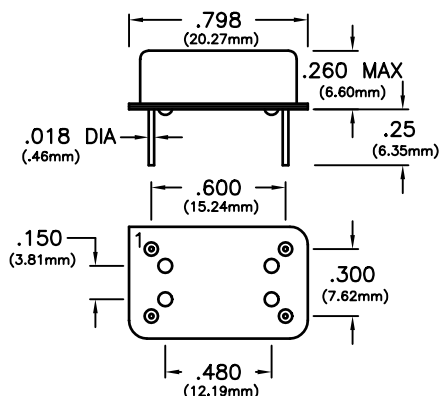
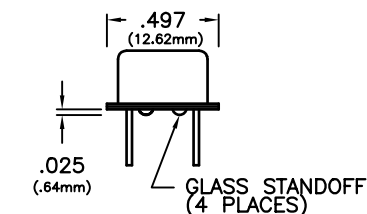
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5.0V 14 PIN DIP +/-20PPM CLOCK SERIES

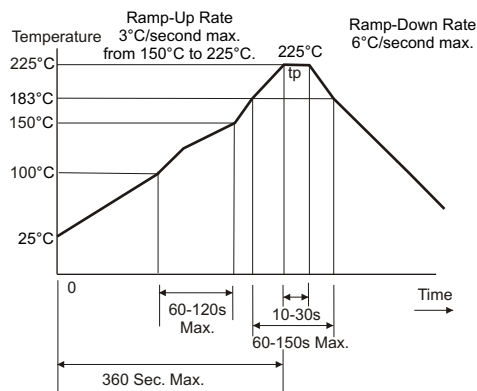
SPECIFICATIONS		HC35T3R	HC55T3R	HC65T3R
Frequency Range		1MHz to 70MHz		
Frequency Calibration		±4ppm at 25°C		
Frequency Stability		±10ppm		
Temperature Range		0°C to 85°C	0°C to 70°C	−40°C to 85°C
Frequency vs Supply Voltage		±1ppm		
Aging		±5ppm		
Overall Frequency Stability		±20ppm (Sum of all frequency stabilities and aging tolerances for the life of the oscillator)		
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	5nS Maximum		
Input	Output E/D Time	100nS Typical		
	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 , 3mS Typical		
Supply Voltage		+5Vdc ±5%		
Supply Current		15mA Typical , 25mA Maximum		
Package		All metal, hermetically sealed, welded package		
Soldering Process		RoHS 5/6 Compliant, see solder profile		

Package Outline and Pin Connections



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

Solder Profile



Specifications subject to change without notice

BULLETIN #: HC066
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REV: 05
DATE: 02/14/08

Dimensional Tolerance: $\pm .02"$
 $\pm .005"$