



CONNOR-WINFIELD CORPORATION

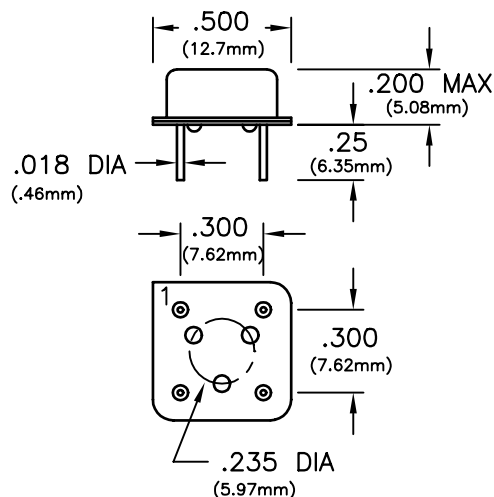
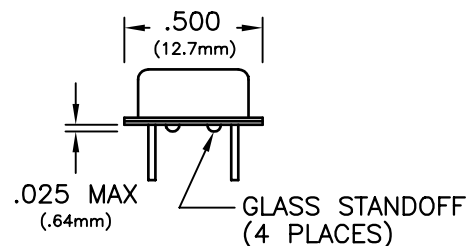
AURORA, IL. 60505

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TIGHT TOLERANCE CLOCK WITH ENABLE/DISABLE

SPECIFICATIONS		H55R
Frequency Range		1MHz to 70MHz
Frequency Calibration		± 4 ppm at 25°C
Frequency Stability		± 10 ppm
Temperature Range		0°C to 70°C
Frequency vs Supply Voltage		± 1 ppm
Aging		± 5 ppm
Overall Frequency Stability		± 20 ppm (Sum of all frequency stabilities and aging tolerances for the life of the oscillator)
Output	Waveform	HCMOS / TTL Compatible Squarewave
	Load	50pF / 10 TTL
	Voltage	Voh 4.5V Minimum
		Vol 0.5V Maximum
	Current	Ioh -16mA
		Iol 16mA
	Duty Cycle	45/55 Maximum Measured at 50% level
Input	Rise/Fall Time	5nS Maximum
	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 $\pm 5\%$
Supply Current		15mA Typical , 25mA Maximum
Package		All metal, hermetically sealed, welded package



PIN	CONNECTION
1	ENABLE/DISABLE
4	GROUND (CASE)
5	OUTPUT
8	(+) SUPPLY

Specifications subject to change without notice

BULLETIN #: HC096
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REV: 01
DATE: 4/21/98

ISSUED BY: _____

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