



CONNOR-WINFIELD CORPORATION

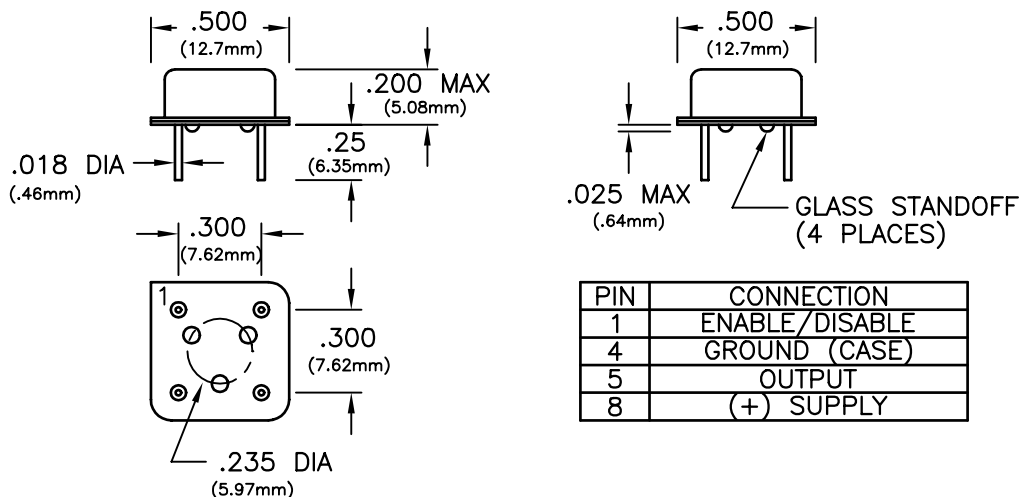
AURORA, IL. 60505

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TIGHT TOLERANCE CLOCK WITH ENABLE/DISABLE

SPECIFICATIONS	H55R		
Frequency Range	1MHz to 70MHz		
Frequency Calibration	±4ppm at 25°C		
Frequency Stability	±10ppm		
Temperature Range	0°C to 70°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 / 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	
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		



Specifications subject to change without notice

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REV: 01
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ISSUED BY: _____

Dimensional Tolerance: ±.02"
±.005"