



CONNOR-WINFIELD CORPORATION

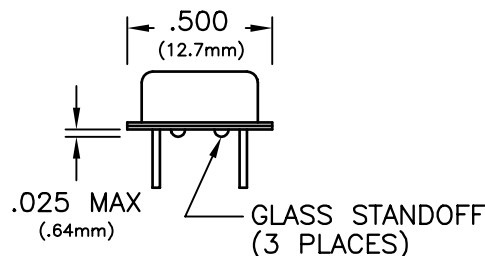
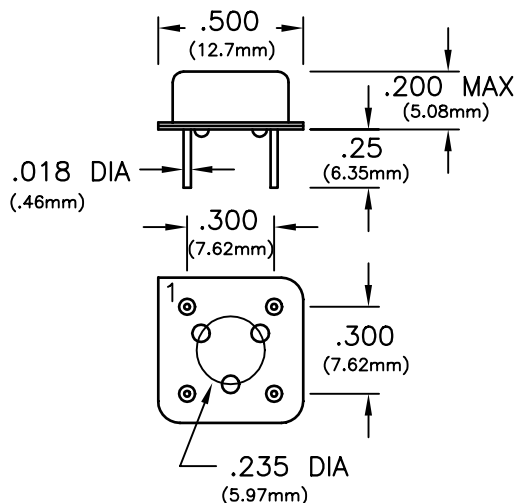
AURORA, IL. 60505

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8 PIN DIP HCMOS

SPECIFICATIONS		S55R		
Frequency Range		1.8432MHz to 70MHz		
Frequency Calibration @25°C		±5ppm		
Frequency Stability		±10ppm		
		Inclusive of calibration tolerance at 25°C, operating temperature change, input voltage change, load change, aging, shock and vibration.		
Temperature Range		0°C to +70°C		
Storage Temperature Range		−55°C to +125°C		
Output	Waveform	TTL/HCMOS Compatible		
	Load	50pF/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	5nS		
Input	Ouput 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		
Supply Voltage		+5Vdc ±5%		
Supply Current (at 25°C)		30mA Maximum		
Package		All metal, hermetically sealed, welded package		



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

Specifications subject to change without notice

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ISSUED BY: _____

Dimensional Tolerance: ±.02"
±.005"