



CONNOR-WINFIELD CORPORATION

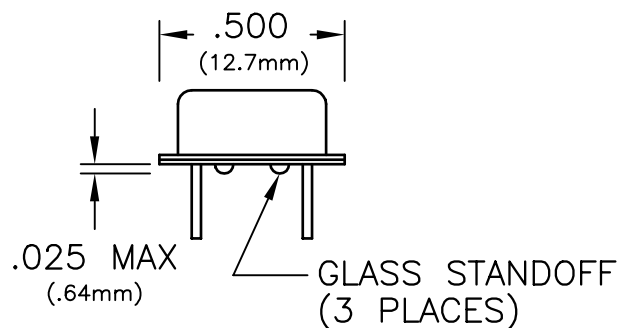
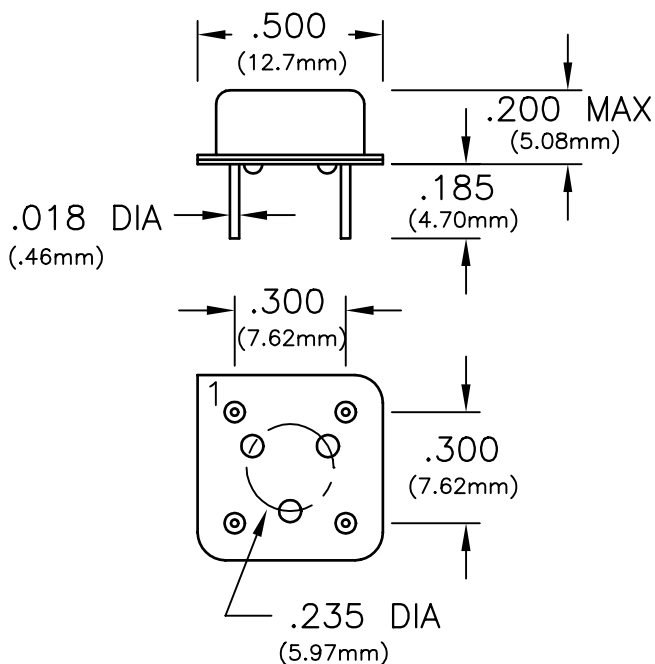
AURORA, IL. 60505

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8 PIN DIP MPH-SERIES

SPECIFICATIONS		MH51R	MH52R	MH53R	MH63R
Frequency Range		12MHz to 66.67MHz			
Frequency Stability		±25ppm	±50ppm	±100ppm	±100ppm
Operating Temp Range		0°C to +70°C	0°C to +70°C	0°C to +70°C	−40°C to +85°C
Storage Temp Range		−55°C to +125°C			
Supply Voltage		+5Vdc ±10%			
Supply Current (@ 25°C)		25mA Maximum , 16mA Typical			
Output	Load	HCMOS , CL: 50pF Maximum			
	Driving Ability	HCMOS			
	Symmetry	52/48 measured at 2.5V			
	Voltage	"0" level	10% VDD		
	"1" level	90% VDD			
	Rise/Fall Time	6nS Maximum , 4nS Typical			
Input	Output E/D Time	100nS Maximum			
	Enable (Vih)	2.0V Minimum			
	Disable (Vil)	0.8V Maximum			
		Oscillator output is enabled with no connection on pin 1			
Rise/Fall Time (max load)		15/15nS Maximum (CL Max: 50pF)			
Start Up Time		6mS Maximum , 3mS Typical			
Package		All metal, hermetically sealed, welded package			



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

Dimensional Tolerance ±.005

Specifications subject to change without notice

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ISSUED BY: _____