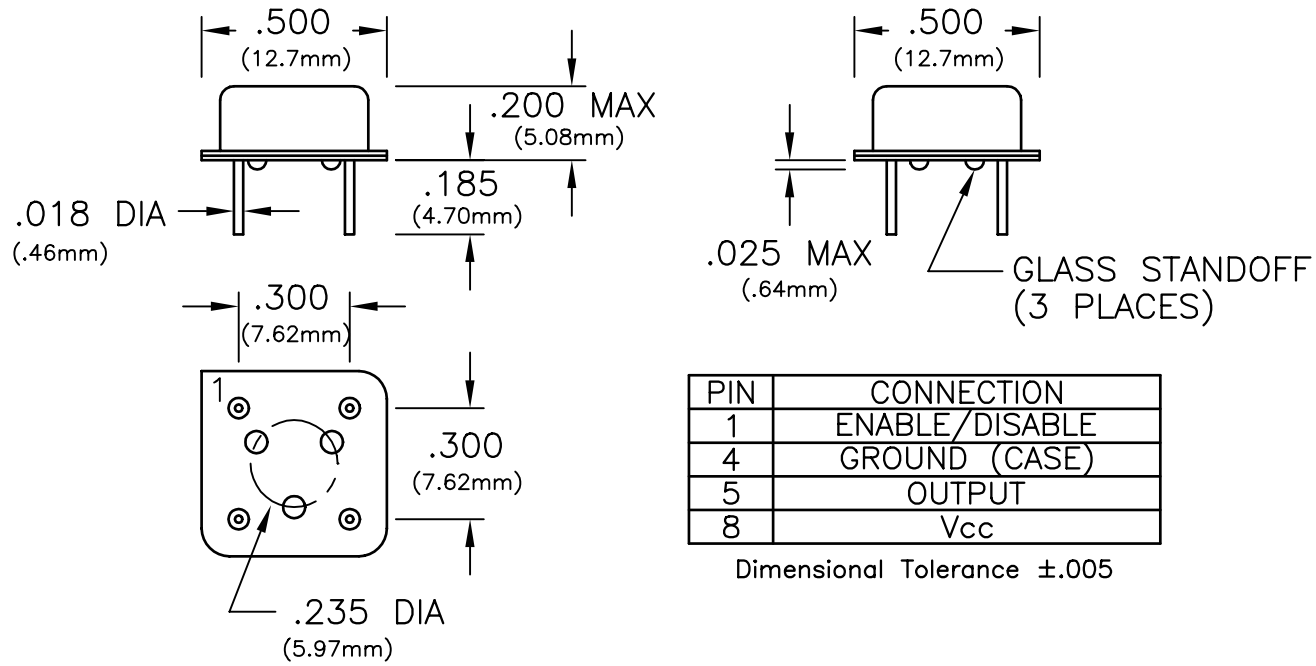
CONNOR–WINFIELD CORPORATION

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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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