

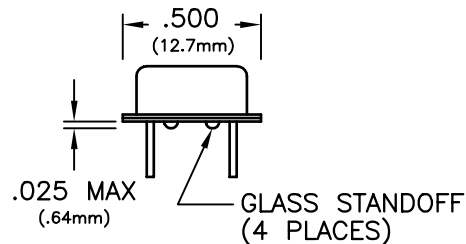
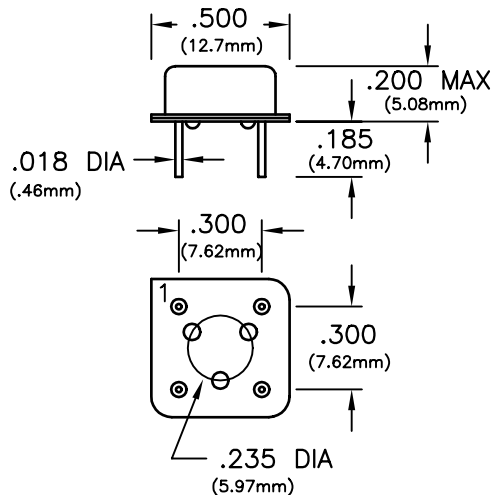


# CONNOR-WINFIELD CORPORATION

AURORA, IL. 60505  
 PHONE (630) 851-4722  
 FAX (630) 851-5040

## 8 PIN DIP HCMOS

| SPECIFICATIONS                    | H51  | H52   | H53          |  |
|-----------------------------------|--|---|--------------|--|
| Frequency Range                   | 250Hz to 70MHz   |   |              |  |
| Frequency Stability               | ±25ppm   | ±50ppm  | ±100ppm      |  |
|                                   | (Inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, load change, aging, shock and vibration) |   |              |  |
| Temperature Range                 | 0°C to +70°C   |   |              |  |
| Output                            | Waveform   | High Speed CMOS Squarewave                            |              |  |
|                                   | Load   | 15pF  |              |  |
|                                   | Voltage  | Voh   | 4.5V Minimum |  |
|                                   |  | Vol   | 0.5V Maximum |  |
|                                   | Current  | Ioh   | -4.0mA       |  |
|                                   |  | Iol   | 4.0mA        |  |
| Duty Cycle                        | 45/55 Maximum Measured at 50% level  |   |              |  |
| Rise/Fall Time                    | 5nS Maximum  |   |              |  |
| Start Up Time                     | 10mS Maximum   |   |              |  |
| Supply Voltage                    | +5Vdc ±10%   |   |              |  |
| Supply Current                    | 25mA Maximum   |   |              |  |
| Package                           | All metal, hermetically sealed, welded package   |   |              |  |
| Options (add suffix to model No.) | G  | Gating; Logic 0 Enable, Logic 1 Disable (<25MHz only) |              |  |



| PIN | CONNECTION    |
|-----|---------------|
| 1   | N/C OR GATING |
| 4   | GROUND (CASE) |
| 5   | OUTPUT        |
| 8   | (+) SUPPLY    |

Dimensional Tolerance ±.005

Specifications subject to change without notice

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ISSUED BY: \_\_\_\_\_