

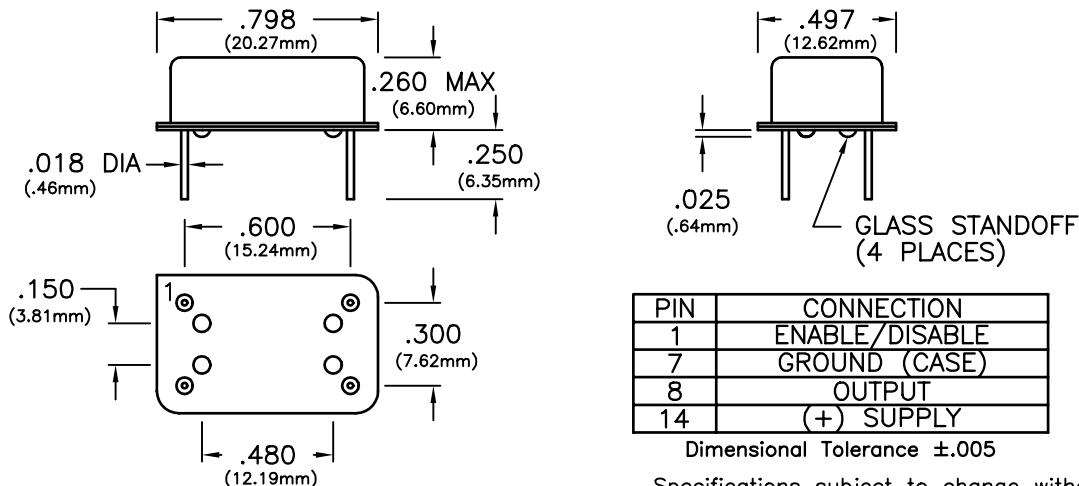


CONNOR-WINFIELD CORPORATION

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14 PIN DIP MPH-SERIES

| SPECIFICATIONS | MPH61R | MPH62R | MPH63R | MPH64R | |
|---------------------|--|------------------------|--------------|--------|--|
| Frequency Range | 12MHz to 66.67MHz | | | | |
| Frequency Stability | ±25ppm | ±50ppm | ±100ppm | ±20ppm | |
| | (Inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, load change, aging, shock and vibration) | | | | |
| Temperature Range | -40°C to +85°C | | | | |
| Output | Waveform | HCMOS Squarewave | | | |
| | Load | 50pF | | | |
| | Voltage | Voh | 4.5V Minimum | | |
| | | Vol | 0.5V Maximum | | |
| | Current | Ioh | -16mA | | |
| | | Iol | 16mA | | |
| | Duty Cycle | 48/52 measured at 2.5V | | | |
| Rise/Fall Time | 6nS Maximum | | | | |
| 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 | | | | |
| Start Up Time | 6mS Maximum | | | | |
| Supply Voltage | +5Vdc ±10% | | | | |
| Supply Current | 25mA Maximum | | | | |
| Package | All metal, hermetically sealed, welded package | | | | |



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REV: 00
 DATE: 5/13/95

ISSUED BY: _____