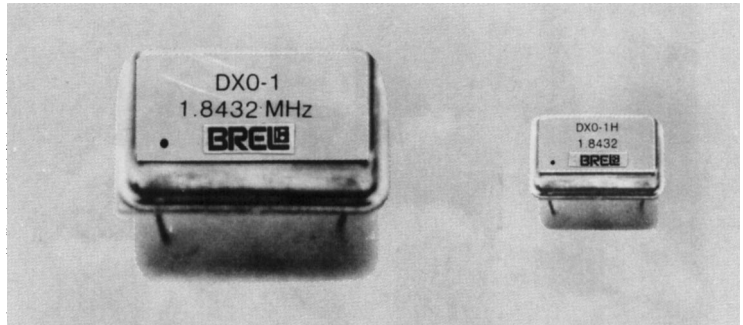## CLOCK OSCILLATOR – TTL & HCMOS

For devices using microprocessor, computer, facsimile, computer controlled devices, etc.

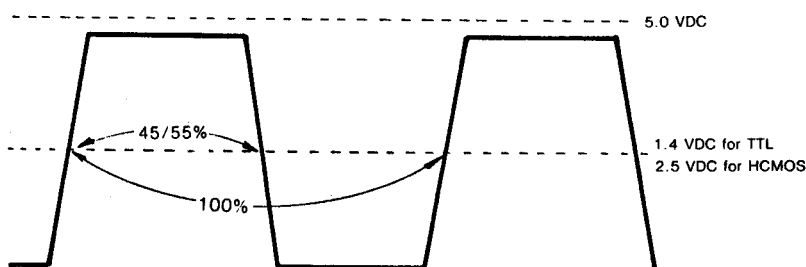**Features**

* TTL & CMOS Compatible
* Dual in line package & Half DIP Type

| Model | DX0—1 | DX0—1H |
|---|---|---|
| Frequency Range | 500 KHz~3.5 MHz | |
| Operating Temperature Range | 0°C~+70°C | |
| Storage Temperature Range | −55°C~+105°C | |
| Supply Voltage | 5.0 VDC ±5% | |
| Supply Current | 20 mA Max | |
| Frequency Stability | ±100 ppm | |
| Symmetry at 1.4 VDC / 2.5 VDC | 55/45% for TTL<br>55/45% for HCMOS | |
| VoH (min) | 2.4 VDC for TTL<br>4.5 VDC for HCMOS | |
| Vol (max) | 0.4 VDC for TTL<br>0.5 VDC for HCMOS | |
| Rise & Fall Time 0.4 to 2.4 VDC / 0.5 to 4.5 VDC | 15 ns Max for TTL<br>15 ns Max for HCMOS | |
| Fan Out | 1 to 10 TTL Gate for TTL<br>50 pF Max for HCMOS | |
| Size | DIP | Half |

* All specifications subject to change without notice.

## OUTPUT WAVE FORM

5.0 VDC

45/55%

100%

1.4 VDC for TTL
2.5 VDC for HCMOS

## DIMENSIONS

Refer to additional spec.

Test Circuit
Refer to additional spec.