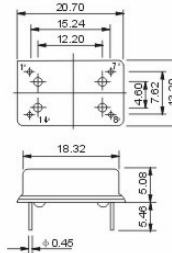


**VCXO**

**DIMENSIONS(mm)**

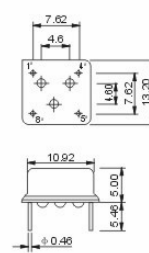


**DIL-14**



| PIN | FUNCTION        |
|-----|-----------------|
| #1  | Control voltage |
| #7  | Ground          |
| #8  | Output          |
| #14 | Supply Voltage  |

**DIL-08**



| PIN | FUNCTION        |
|-----|-----------------|
| #1  | Control voltage |
| #4  | Ground          |
| #5  | Output          |
| #8  | Supply Voltage  |

**SPECIFICATION**

| Parameter                   | Condition                  | 5V  | 3.3V                         |
|-----------------------------|----------------------------|---|------------------------------|
| Frequency Range*            | Fo                         | 1MHz-40.00MHz                                   | 1MHz-40.00MHz                |
| Frequency Calibration       | At 25°C                    | ±15ppm  | ±15ppm                       |
| Temperature Stability       | Over TOPR                  | ±15ppm, ±25ppm, ±50ppm                          | ±15ppm, ±25ppm, ±50ppm       |
| Stability vs. power change  | VDD±5%                     | ±5ppm   | ±5ppm                        |
| Pullability                 | Over Control Voltage Range | ±50ppm, ±100ppm, ±200ppm                        | ±50ppm, ±100ppm, ±150ppm     |
| Control Voltage Range       |                            | 0.5~4.5V  | 0~3.3V                       |
| Operating Temperature Range | TOPR                       | 0°C~70°C(-40°C~+85°C option)                    | 0°C~70°C(-40°C~+85°C option) |
| Storage Temperature Range   | TSTG                       | -55°C~+125°C                                    | -55°C~+125°C                 |
| Power supply Voltage        | VDD                        | 5.0V±5%   | 3.3V±5%                      |
| Aging(First Year)           | 25°C±3°C                   | ±5ppm   | ±5ppm                        |
| Supply current              | IDD                        | 1.000MHz to 23.999MHz<br>24.000MHz to 40.000MHz | 15mA Max.<br>20mA Max.       |
| Output Symmetry             | Sym                        | At 1/2VDD                                       | 40%/60%(45/55% option)       |
| Rise time                   | Tr                         | 20%VDD~80%VDD                                   | 10nS Max.<br>8nS Max.        |
| Fall Time                   | Tr                         | 80%VDD~20%VDD                                   | 10nS Max.<br>8nS Max.        |
| Output Voltage              | VOH                        |   | 90%VDD min.                  |
|                             | VOL                        |   | 10%VDD max.                  |
| Output load                 |                            |   | 15pF max.<br>15pF max.       |
| Start-up Time               | Ts                         |   | 10mS Max.<br>10mS Max.       |

**TEST CIRCUIT AND OUTPUT WAVE**

