



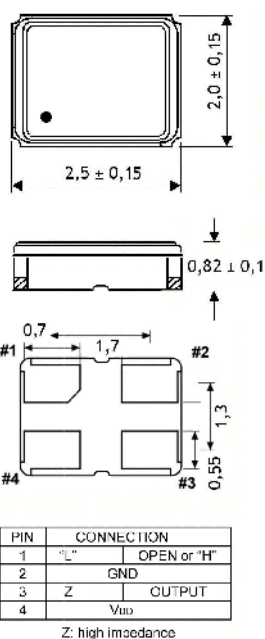
## Clock Oscillator

SMD-version

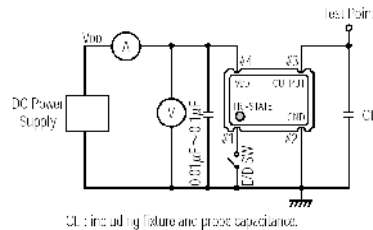
+3,3V

|                                     |  |
|-------------------------------------|--|
| model                               | KXO-V95T   |
| frequency                           | 26,0 MHz   |
| frequency stability<br>-40° ~ +85°C | ± 50 ppm   |
| operating temperature               | -40° ~ +85°C   |
| storage temperature                 | -40° ~ +85°C   |
| symmetry                            | 40% ~ 60% at 50% V <sub>DD</sub> level   |
| rise & fall time max.               | 10 ns (10% V <sub>DD</sub> ~ 90% V <sub>DD</sub> level)  |
| "0" level max.                      | VOL: 10% V <sub>DD</sub>   |
| "1" level min.                      | VOH: 90% V <sub>DD</sub>   |
| input voltage V <sub>DD</sub>       | +3,3V ±5%  |
| tri-state control voltage (Pin#1)   | VIH: V <sub>DD</sub> x 0,7 min.<br>VIL: V <sub>DD</sub> x 0,3 max.   |
| supply voltage                      | -0,5V ~ +7,0V  |
| input current                       | 6,0 mA typ., 11,0 mA max.  |
| output load max.                    | 15pF (HCMOS)   |
| start up time max.                  | 10 ms  |
| disable delay time max.             | 150 ns   |
| enable delay time max.              | 10 ms  |
| stand by current max.               | 50 µA (Pin #1=VIL)   |
| jitter                              | deterministic jitter 5ps max.<br>random jitter 7ps max.<br>norm 1-sigma 7ps max.<br>peak to peak 40ps max. |
| contents of reel                    | 1000 pcs.  |
| part no.                            | 12.95546   |

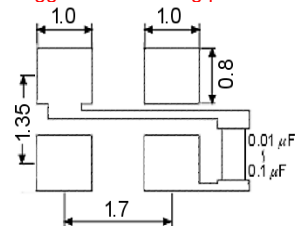
### Dimensions (mm):



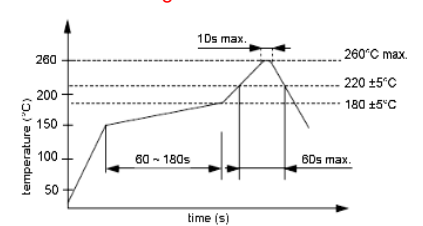
### Test circuit:



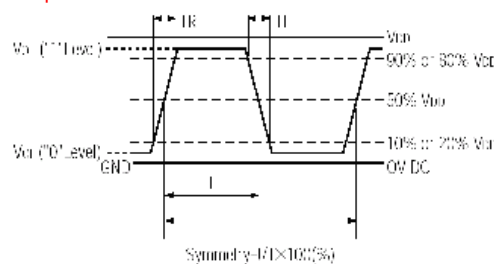
### Suggested soldering pad:



### Reflow soldering condition:



### Output waveform:



### Tape specification:

