

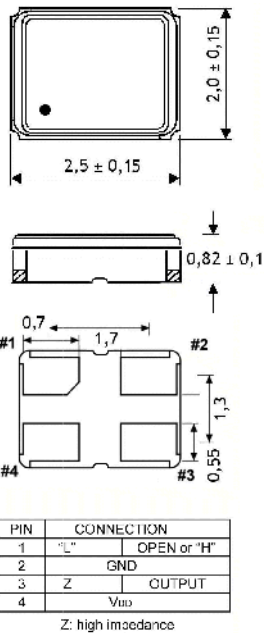


Clock Oscillator SMD-version

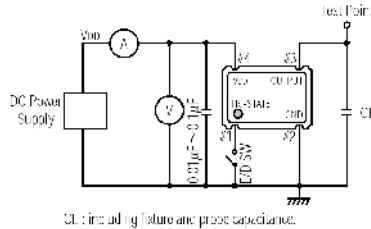
+3,3V

| | | | |
|-------------------------------------|--|----------|------------------------|
| model | KXO-V95 | | |
| frequency | 3,5795450 MHz | | |
| frequency stability at -20 ~ + 70°C | ± 50 ppm | | |
| operating temperature | -20 ~ + 70°C | | |
| storage temperature | -40° ~ +85°C | | |
| symmetry | 40% ~ 60% at 50% V _{DD} level | | |
| rise & fall time max. | 10 ns (10% V _{DD} ~ 90% V _{DD} level) | | |
| "0" level max. | VOL: 10% V _{DD} | | |
| "1" level min. | VOH: 90% V _{DD} | | |
| input voltage V _{DD} | +3,3V ±5% | | |
| tri-state control voltage (Pin#1) | VIH: V _{DD} x 0,7 min. VIL: V _{DD} x 0,3 max. | | |
| supply voltage | -0,5V ~ +7,0V | | |
| input current max. | 4,0 mA typ., 6,0 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. | norm 1-sigma 7ps max. |
| | random jitter | 7ps max. | peak to peak 40ps max. |
| contents of reel | 1000 pcs. / 3000 pcs. | | |
| part no. | 12.95580 | | |

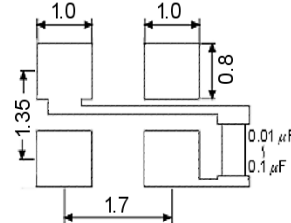
Dimensions (mm):



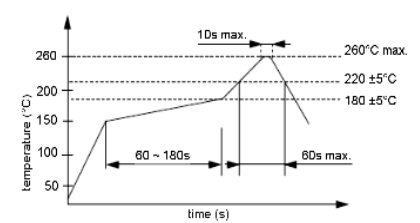
Test circuit:



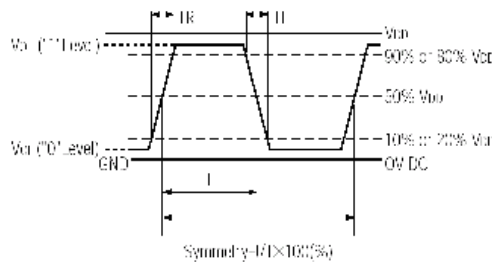
Suggested soldering pad:



Reflow soldering condition:



Output waveform:



Tape specification:

