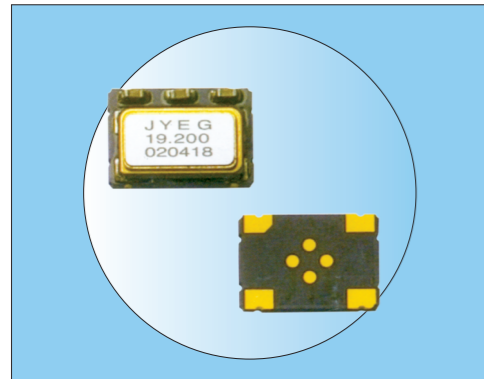


Crystal Oscillators

Voltage Controlled temperature Compensated Crystal Oscillator/VC-TCXO SMD7050



Features

- JYEG part number: JYVTD7
- 5.0V, 3.3V supply voltage
- Tape and reel available

TYPICAL SPECIFICATIONS

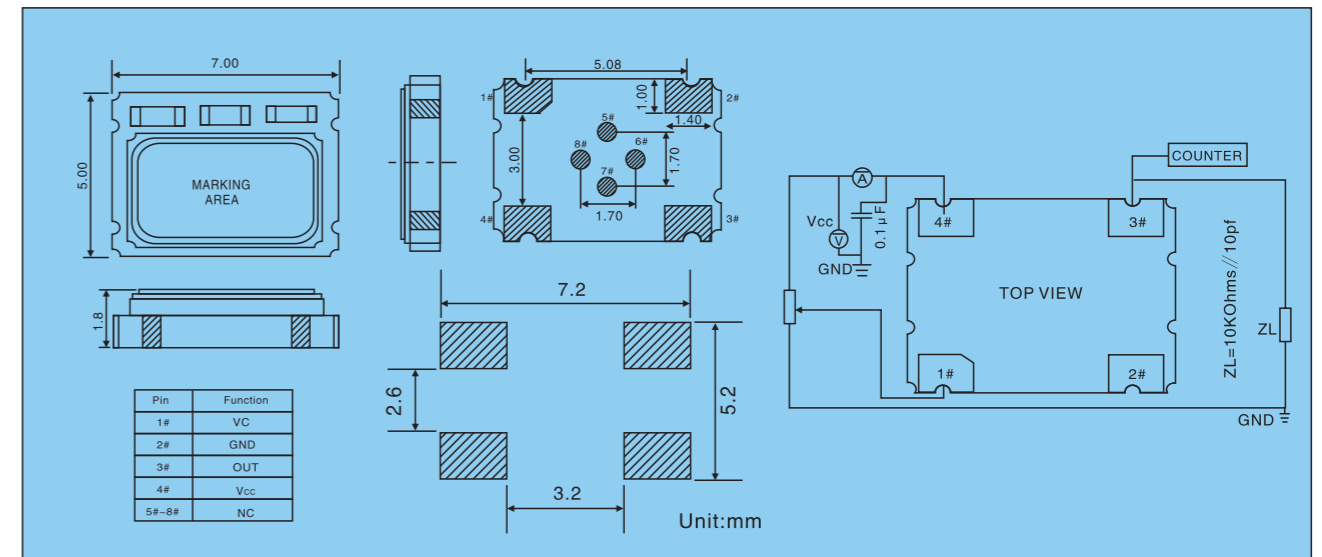
Type	VC-TCXO SMD7050
Frequency Range	10~27MHz
Frequency Stability	$\pm 1 \sim \pm 2.5$ ppm
Operating Temperature Range	$-30^{\circ}\text{C} \sim 75^{\circ}\text{C} / -40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Output Load	10k Ω // 10pF
Start-up Time	3mS Max
Input Current	2.0mA Max
Input Voltage	3.3V, 5.0V $\pm 5\%$
Frequency Stability vs. Supply Voltage	± 0.3 ppm(VDD $\pm 5\%$)
Frequency Stability vs. Load	± 0.3 ppm(ZL $\pm 10\%$)
Aging	± 1.0 ppm/year
Phase Noise (10MHz)	1KHz, -130dB type offset

TCXO

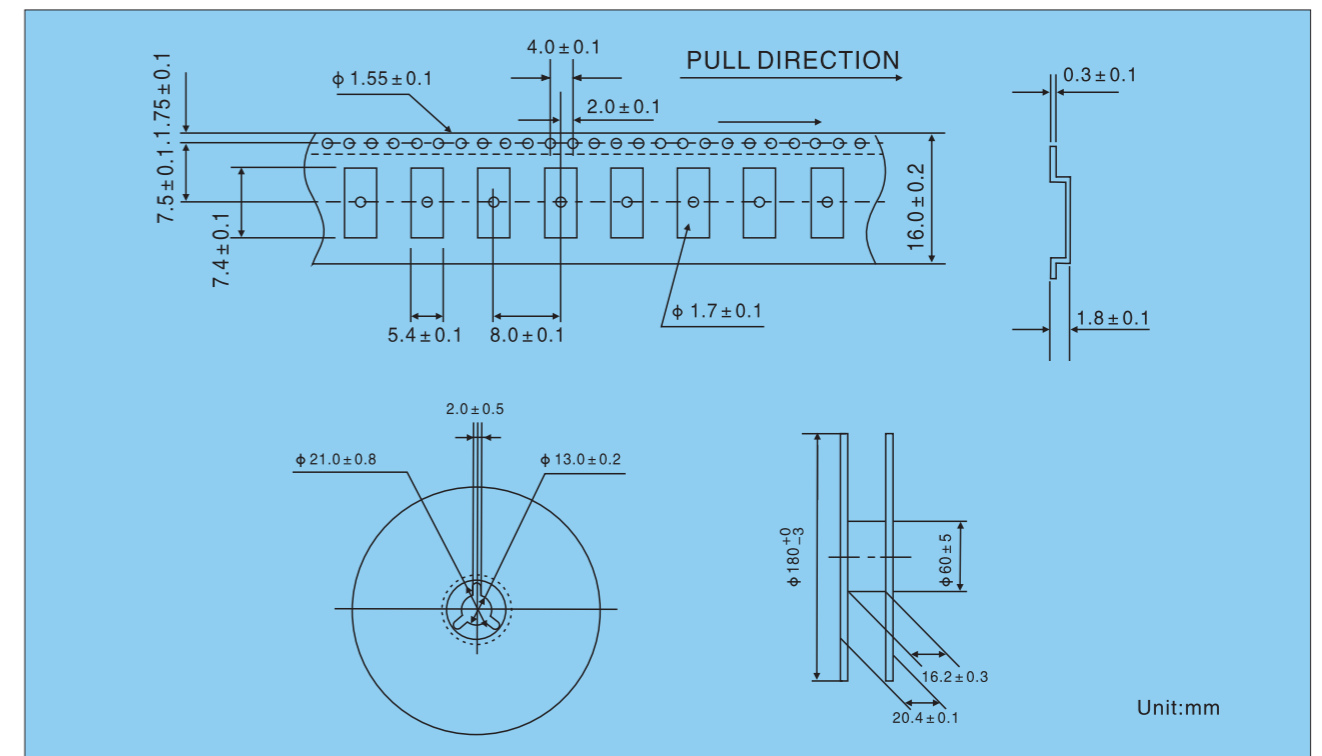
Crystal Oscillators

VC-TCXO SMD7050(JYVTD7)

TEST CIRCUIT



TAPE AND REEL DIMENSIONS



TCXO