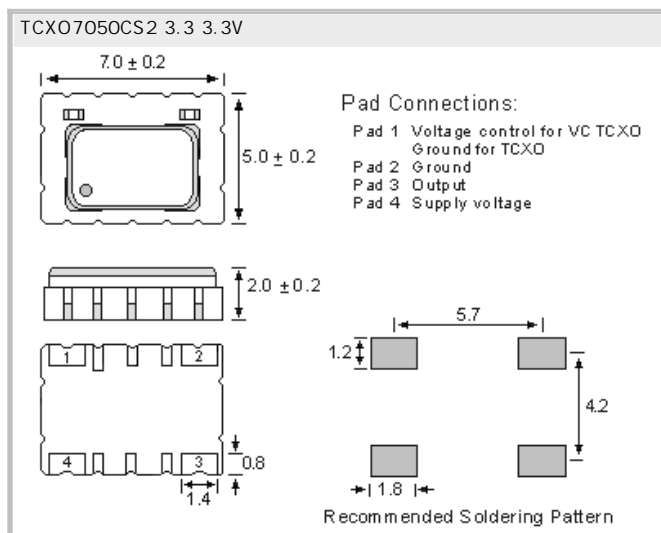
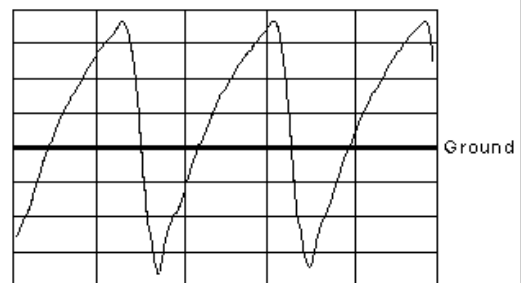


TCXO-Oscillator SMD TCXO7050CS3.3 3.3V
Clipped Sine Wave

- Temperature Compensated Crystal Oscillators
- SMD in ceramic case (7.0 x 5.0 x 2.0) mm
- Clipped Sine Wave Output;
Wave form code is " CS "
- on Tape & Reel
- RoHS conform; Lead-free product
- Vibration: MIL-STD-202F method 204,
35G, 50 to 2000 Hz
- Shock: MIL-STD-202F method 213B,
test cond. E, 1000GG 1/2 sine wave
- Available in many standard and special frequencies



Clipped Sine Wave Output



Specifications

Holder Type:	TCXO7050CS3.3 3.3V (Voltage code is "3.3")
Frequency:	14.745600 MHz
Output Voltage Level (peak to peak):	0.8Vp-p (min.)
Input Voltage:	+ 3.3V
Frequency Stability:	± 2.5 ppm at 25°C
Freq. Stability vs Temperature:	± 2.5 ppm from -40°C to +85°C
Freq. Stability vs Aging:	± 1.0 ppm, first year at 25°C
Freq. Stability vs Voltage Change:	± 0.2 ppm, for a ± 5% input voltage change
Freq. Stability vs Load Change:	± 0.2 ppm, for a ± 10% load condition change
Operating Temperature Range:	-40°C to +85°C
Maximum Supply Current:	1.5 mA max.
Output Load:	10kOhm // 10pF ± 10%
Start Up Time:	2 ms (typ.) ; 5ms (max.) (reach 90% amplitude and at +25°C ± 2°C)
Phase Noise (13MHz as example):	10Hz 100Hz 1kHz 10kHz 100kHz -80dBc/Hz -115dBc/Hz -135dBc/Hz -148dBc/Hz -148dBc/Hz
Storage Temperature:	-40°C to +85°C or -55 to +125°C (Package dependent)
Reflow Condition:	260°C max. for 10 sec.

GERMANY:

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