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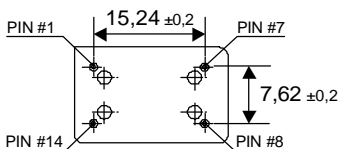
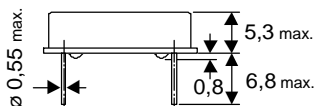
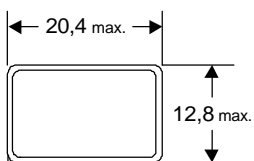
SMI

TTL CLOCK-OSCILLATOR SXO-1000T



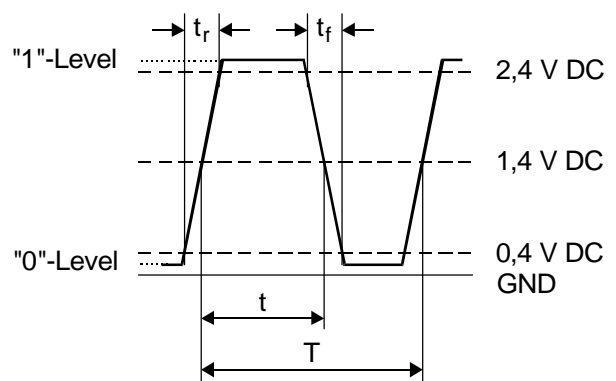
Part No.	SXO-1100T	SXO-1050T
Frequency Range	250 kHz to 100 MHz	
Frequency Stability over all conditions	±100 ppm (±0,01%)	±50 ppm (±0,005%)
Operating Conditions	Operating Temperature: 0°C to +70°C Storage Temperature: -50°C to +125°C Input Voltage (V _{CC}): +5V DC ±0,5V	
Input Current	50 mA max.	
Output (0°C to +70°C)	Symmetry: t/T x 100(%) 50% ±10% at +1,4V DC level Rise and fall times (0,4V to 2,4V DC level): 15 ns max. 250,000 kHz to 8,999 MHz 10 ns max. 9,000 MHz to 39,999 MHz 8 ns max. 40,000 MHz to 59,999 MHz 6 ns max. 60,000 MHz to 100,000 MHz "0" level: +0,4V max. "1" level: +2,4V min. Load: 1 to 10 TTL gates	

OUTLINE DIMENSIONS (mm)



PIN	CONNECTION
1	N.C.
7	GND
8	OUTPUT
14	V _{CC}

OUTPUT WAVEFORM



TEST CIRCUIT

