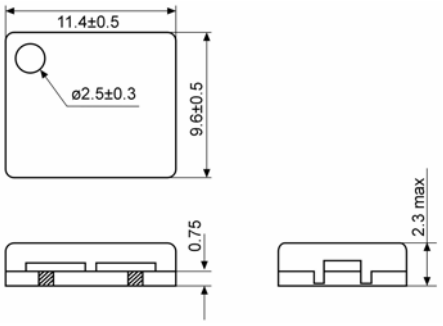
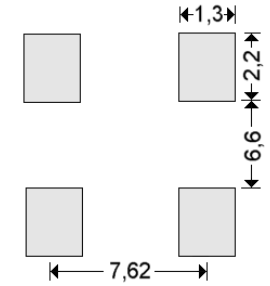
TCXO

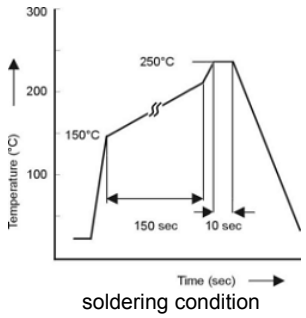
Temperature Compensated Crystal Oscillator SMD-version

model		KXO-85
frequency range		10,0 ~ 27,0 MHz
output	load	10 Kohm // 10pF
	level	0,7Vp-p min.
	waveform	clipped sine-wave (DC-cut)
frequency stability	vs. temp.range	± 2,5 ppm
	vs. input voltage	± 0,3 ppm max. at Vcc ±5%
	vs. load	± 0,3 ppm max. at 10 Kohm ± 10%//10 pF ± 10%
	vs. aging	± 1,0 ppm / year max. at +25°C
operating temperature range		-30°C ~ +75°C
input voltage Vcc		3V ~ 5V DC ± 5%
input current (max.)		2 mA (no load)
frequency adjustment		internal trimmer ± 0,3 ppm min.
SSB phase noise		-130 dBc/Hz at 1 kHz offset
start-up time		5 ms max.
harmonic distortion		-5 dBc max.
storage temperature		-40°C ~ +85°C
pin connection		# 1 : N.C. # 2 : GND # 3 : Output # 4 : Vcc
size l/w/h		11,4 x 9,6 x 2,5mm
lead-free		started from date code May, 2005
contents of reel		2000 pcs.
order no.		12.97000 ~ 12.97099

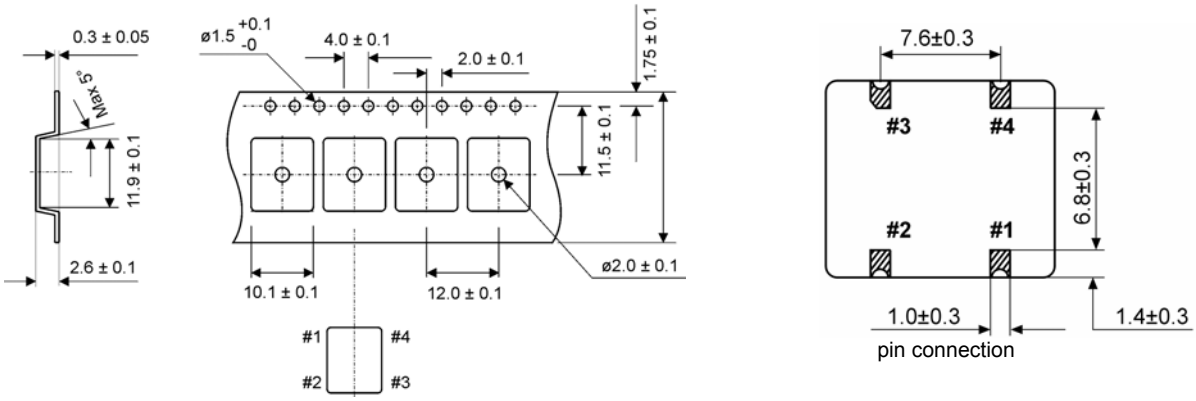




suggested soldering pad



soldering condition



pin connection

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