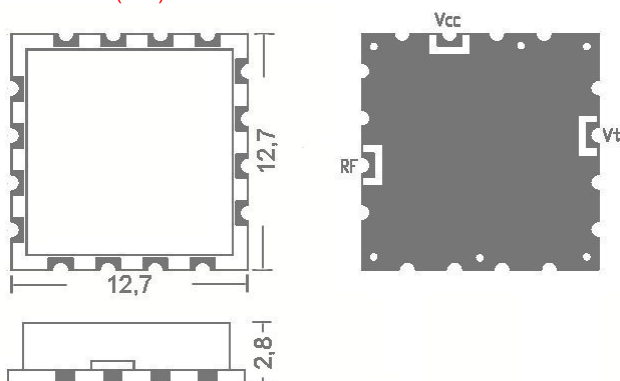


VCO Voltage Controlled Oscillator

SMD-version

model	KXO-59				
	RSV925A				
supply voltage (Vcc)	5,0 ± 10%				
tuning voltage (Vt)	0,5 ~ 4,5 V				
operating temperature	-40°C ~ +85°C				
storage temperature	-40°C ~ +85°C				
storage humidity	5 ~ 95%				
electrical characteristics at +25°C, humidity 60%					
	min.	typ	max	unit	test conditions
supply voltage		5		V	DC voltage
frequency			890	MHz	Vcc = 5V, Vt = 0,5V
	960			MHz	Vcc = 5V, VT = 4,5V
current		27		mA	Vcc = 5V, VT = 2,5V
output level		2,0	4,0	dBm	Vcc = 5V, Vt = 2,5V
phase noise (C)/N)		-80	-75	dBc/Hz	1kHz offset, BW = 1 Hz
		-105	-100	dBc/Hz	10kHz offset, BW = 1 Hz
		-125	-120	dBc/Hz	100kHz offset, BW = 1 Hz
		-145	-140	dBc/Hz	1MHz offset, BW = 1 Hz
2 nd harmonic		-20	-12	dBc	Vcc = 5V
tuning sensitivity		27		MHz/V	Vt = 0,5V ~ 4,5V
pulling		1,0	3,0	MHz	Vcc = 5V, Vt = 0,5V ~ 4,5V VSWR = 2 all phase
pushing		1,5	3,0	MHz	Vcc = 5V ± 1V, Vt = 2,5V
lead-free	from date code October, 2005				
contents of reel	1000 pcs				
order no.	12.98005				

Dimensions (mm):



Reflow soldering condition:

