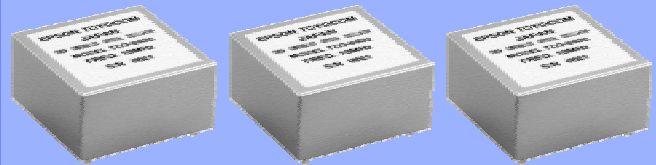




Oven Controlled Crystal Oscillator (OCXO) DOUBLE OVEN

TCO - 6920A

- Features : Ultra-High Stability
- : Low Phase Noise
- : SC-Cut Crystal unit
- : Double Oven

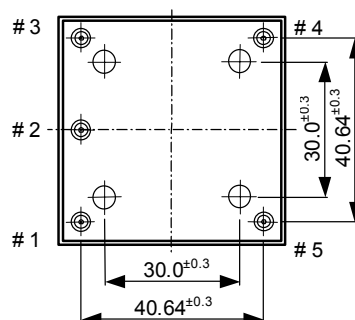
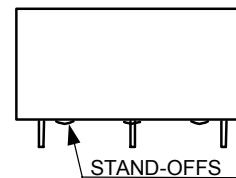
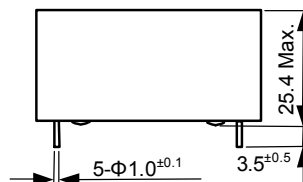
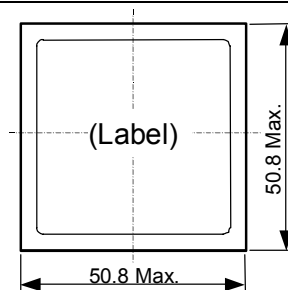


Specifications (characteristics)

Item	Symbol	Specifications	Remarks
		TCO-6920A	
Standard frequency	f_0	10 MHz	
Supply voltage	Vcc	12 V \pm 0.6 V	
Storage temperature range	T_stg	-40 °C to +80 °C	During transport only. Long term storage:Room Temperature.
Operating temperature range	T_use	-30 °C to +70 °C	
Frequency/temperature coefficient	fo-Tc	$\pm 5 \times 10^{-10}$ Max.	-30 °C to +70 °C
Frequency/voltage coefficient	fo-Vcc	$\pm 2 \times 10^{-10}$ Max.	Vcc=12 V \pm 0.6 V
Frequency aging	f_aging	$\pm 5 \times 10^{-11}$ / day Max.	After 30 days of operation
Warm-up	—	$\pm 2 \times 10^{-8}$ / 10 min Max.	+25 °C
Output Waveform	—	Sine wave	
Output load condition	RL	50 (5 dBm Min.)	
Current consumption	Warm-up	1050 mA Max.	
	Steady state at+25 °C	300 mA Max.	
Frequency control range	fcont	$\pm 3 \times 10^{-7}$ Min.	Vc=5 V \pm 5 V
Weight	—	100 g Max.	

External dimensions

(Unit:mm)



Pin map

Pin	Connection
1	Vc
2	N.C.
3	OUT
4	GND / case
5	Vcc