



## Oven Controlled Crystal Oscillator (OCXO)

## TCO - 6730

- Features : Excellent long and short term stability
- : Low phase noise
- : SC-Cut Crystal unit



## Specifications (characteristics)

Item	Symbol	Specifications	Remarks
Standard frequency	$f_0$	5 MHz, 10 MHz	
Supply voltage	Vcc	12 V $\pm$ 0.6 V	
Storage temperature range	T_stg	-20 °C to +80 °C	During transport only. Long term storage: Room Temperature.
Operating temperature range	T_use	0 °C to +65 °C	
Frequency/temperature coefficient	fo-Tc	$\pm 2.5 \times 10^{-9}$ Max.	0 °C to +65 °C
Frequency/voltage coefficient	fo-Vcc	$\pm 3 \times 10^{-10}$ Max.	Vcc=12 V $\pm$ 0.6 V
Frequency aging	f_aging	$\pm 2 \times 10^{-10}$ / day Max. $\pm 3 \times 10^{-8}$ / year Max.	
Warm-up	—	$\pm 8 \times 10^{-8}$ / 10 min Max.	+25 °C
Current consumption	Warm-up	600 mA Max.	
	Steady state	220 mA Max.	at +25 °C
Frequency control range	fcont	$\pm 3 \times 10^{-7}$ Min.	Vc=5 V $\pm$ 5 V
Symmetry	SYM	45 % to 55 %	at +1.4 V
High output voltage	VOH	2.4 V Min.	TTL level
Low output voltage	VOL	0.4 V Max.	
Output load condition	L_TTL	2 TTL Max.	
Weight	—	150 g Max.	

## External dimensions

(Unit:mm)

