

YIC OCXO(OX Series)

OX Series : Oven Controlled Crystal Oscillator

1.000 - 170.000MHz

● SPECIFICATION

Frequency Range		1.000 ~ 170.000MHz
Input Voltage (VDD)		+5V
Operation Temperature		-10°C ~ +70°C Typical, (-40°C ~ +85°C Available)
TTL/CMOS Square Wave Output	Logic High "1" / Logic Low "0"	90% V _{DDmin} / 10% V _{DDmin}
	Duty Cycle	40~60% measured at 50% V _{DD}
	Rise Time & Fall Time	10nsec max (90% ↔ 10%) V _{DD}
	Load	15pF
Input Impedance		10KΩ Typical
Frequency Stability		±0.05, ±0.1, ±0.2, ±0.3, ±0.5PPM
Wram Time		3 minutes at 25 °C
Power Dissipation		0.6W at steady-state at 25°C, 1.6W at turn on
Aging		Less than ± 1.0PPM 1st year, ±4.7PPM over 10 years

● PART NUMBERING

OX	Package Code	Input Voltage	Output Code	Operation Temperature	Frequency	Stability	Custom Speci.
	Through - Hole :	3 : 3V	S: Sine Wave	1 : -10 ~ + 60°C		0.05 : ± 0.05PPM	*
	51517: 50.8x50.8x19.0(H)mm ,7P	5 : 5V	T: TTL / CMOS	Blak : -10 ~ + 70°C	In MHz	0.1 : ± 0.1PPM	
	39394: 38.8x38.8x16.0(H)mm ,4P	12 : 12V	Square Wave	2 : -20 ~ + 70°C		0.2 : ± 0.2PPM	
	36274: 36.2x27.2x16.0(H)mm ,4P			28 : -20 ~ + 85°C		0.3 : ± 0.3PPM	
	36275: 36.2x27.2x16.0(H)mm ,5P			3 : -30 ~ + 70°C		0.5 : ± 0.5PPM	
	25255: 25.4x25.4x16.0(H)mm ,5P			38 : -30 ~ + 85°C			
	20204: 20.3x20.3x10.5(H)mm ,4P			I : -40 ~ + 85°C			
	20134: 20.3x12.8x10.5(H)mm ,4P			A : -40 ~ + 105°C			
				B : -40 ~ + 125°C			
				C : -55 ~ + 125°C			
				X : Custom			