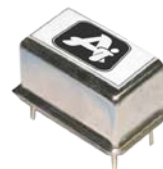




Features

- Stratum 3(Overall ± 4.6 ppm including 10 years aging.)
- Low phase noise.
- Fast warm-up.
- Application for Base station, SDH/SONET, RTC clock, Synthesizer , Digital switch , Test equipment, etc.



Electrical Specifications

Type			THRU-HOLE OCXO	
Output Type			HCMOS	
Output Load			15pF	
Output Frequency Range			10MHz~40MHz	
Output Wave Form			Rectangular	
Supply Voltage			3.3V /5.0V	
Operating Temperature Range			-30~+70°C, or specify	
Frequency Stability	Frequency Tolerance		±0.2ppm Max..	
	Vs. Temperature		±0.2ppm Max.	
	Vs. Supply Voltage		±50ppb Max.	
	Vs. Aging	Daily	±5.0ppb Max.	
		Yearly	±0.5ppm Max.	
		10 years	±3.0ppm Max.	
0 Level Output Voltage (Max.)			10% VDD	
1 Level Output Voltage (Min.)			90% VDD	
Symmetry			45~55%	
Spurious			-60dBc	
Warm-up			±0.1ppm (In 2 minutes @ +25°C, referenced to 1 hour)	
Power Consumption (Steady state)			0.8W Max.	
Phase Noise	Offset 10Hz		-115dBc/Hz	
	Offset 100Hz		-140dBc/Hz	
	Offset 1kHz		-152dBc/Hz	
	Offset 10kHz		-154dBc/Hz	

Ordering Information

KXDC	10000M	33	F	
Product Code	Frequency Range 10.000MHz	Supply Voltage 33=3.3V	Operating Temperature	
			A=-20~70°C B=-10~70°C C=-40~85°C	D=-40-125°C E=-10~60°C F=-30~70°C

Dimension

Units:mm

