



Features

- Adobt SC-Cut resonator.
- Low phase noise.
- Stratum 3 (Overall ± 4.6 ppm including 10 years aging.)
- Application for Base station, Measuring equipment, Synthesizer , Digital switch , Reference Timing Circuit, etc.



Electrical Specifications

Type		Thru-Hole OCXO
Output Type		LVTTL /Sine Wave
Output Load		15pF
Output Frequency Range		5MHz~100MHz
Frequency Control Voltage		5V $\pm$ 0.2V / 12V $\pm$ 0.5V
Supply Voltage		5.0V / 12V
Operating Temperature Range		-30~+70°C, or specify
Frequency Stability	Frequency Tolerance	± 100 ppb Max.
	Vs. Temperature	± 20 ppb Max.
	Vs. Supply Voltage	± 5 ppb Max.
	Vs. Aging	± 10 ppb Max.
0 Level Output Voltage (Max.)		10% VDD
1 Level Output Voltage (Min.)		90% VDD
Symmetry		45~55%
Frequency Adjustment Range		± 0.5 ppm
Warm-up		3W Max.
Power Consumption (Steady state)		1W Max.
Phase Noise	Offset 10Hz	-130dBc/Hz
	Offset 100Hz	-140dBc/Hz
	Offset 1kHz	-145dBc/Hz
	Offset 10kHz	-150dBc/Hz

Ordering Information

KXDB	005M	50	F		S
Product Code	Frequency Range 5.000MHz	Supply Voltage 33=3.3V	Operating Temperature		Output Type S=Sine wave L=LVTTL
			A=-20~70°C	D=-40~125°C	
			B=-10~70°C	E=-10~60°C	
			C=-40~85°C	F=-30~70°C	

Dimension

Units:mm

