



Features

- SC or AT Cut crystal
- Low phase noise.
- Surface Mount Package.
- Reflow soldering and automatic mounting.
- Application for Base station, Measuring equipment, Synthesizer, Digital switch , Test equipment, etc.



Electrical Specifications

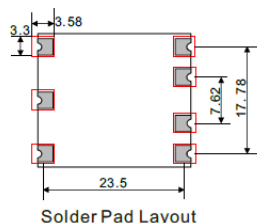
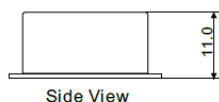
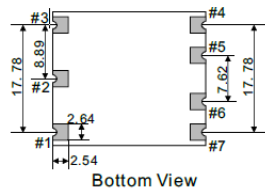
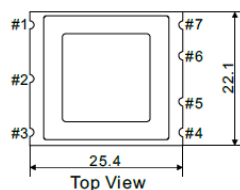
Type		SMD OXCO	
Output Type		HCMOS	
Output Load		15pF	
Output Frequency range		5MHz~40MHz	
Output Wave Form		Rectangular	
Supply Voltage		3.3V /5.0V	
Operating Temperature Range		-30~+70°C, or specify	
Frequency Stability	Frequency Tolerance	±10ppb Max.	
	Vs. Temperature	±10ppb Max.	
	Vs. Supply Voltage	±0.5ppb Max.	
	Vs. Aging	Daily	±0.5ppb Max.
Yearly		±50ppb Max.	
10 years		±0.4ppm Max.	
0 Level Output Voltage (Max.)		10% VDD	
1 Level Output Voltage (Min.)		90% VDD	
Symmetry		45~55%	
Spurious		-60dBc	
Warm-up		±10ppb (In 5 minutes @ +25°C,referenced to 1 hour)	
Power Consumption (Steady state)		1.2W Max.	
Phase Noise	Offset 10Hz	-120dBc/Hz	
	Offset 100Hz	-135dBc/Hz	
	Offset 1kHz	-145dBc/Hz	
	Offset 10kHz	-150dBc/Hz	

Ordering Information

<u>KXMB</u>	<u>05000M</u>	<u>33</u>	<u>F</u>	
Product Code	Frequency Range 5.000MHz	Supply Voltage 33=3.3V	Operating Temperature	
			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



- PAD FUNCTION:**
- #1: Vcc Input /NC
 - #2: Reference Voltage /NC
 - #3: +VDD
 - #4: R.F Output
 - #5: Oven Monitor / NC
 - #6: 0 Volts & Case
 - #7: 0 Volts & Case