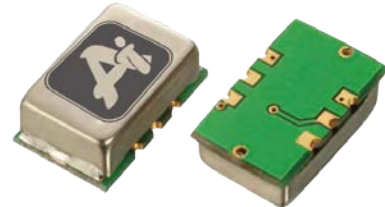




### Features

- Metal cover, FR-4 PCB based.
- Output: TTL/CMOS or Clipped Sine Wave.
- Low current option(2mA for Clipped Sine Wave).
- VC-TCXO available.
- Automatic mounting and reflow soldering.
- Applications: Marine communication, Mobile communication, Aerial radio, Satellite, Femtocell, Test equipment, Avionics, etc.
- High stability and high reliability.



### Electrical Specifications

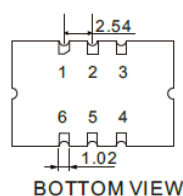
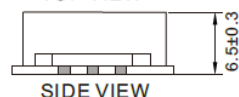
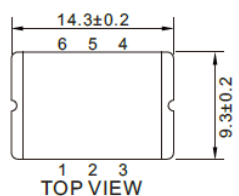
Type		SMD TCXO	
Output Type		TTL/CMOS	Clipped Sine Wave
Output Load		15pF	10kΩ //10pF
Oscillation Mode		Fundamental	
Supply Voltage		3.3V /5.0V	
Frequency Range		5MHz ~ 40MHz	
Frequency Tolerance		±2.0ppm	
Operating Temperature Range		-20~+70°C, -40~+85°C, or specify	
Storage Temperature Range		-55~+125°C	
Control Voltage Range (VC-TCXO)		0.5~2.5V	
Supply Current		6mA Max.	3.5mA Max.
Frequency Stability	Vs. Supply Voltage(±5%) Change	±0.3ppm Max.	
	Vs. Load(±10%) Change	±0.2ppm Max.	
	Vs. Aging (@ 1st year)	±1.0ppm Max.	
Start-up Time		2ms Max.	
Pulling Range (VC-TCXO)		±5.0ppm Min.	

### Ordering Information

KTM	05000M	33	A		S
Product Code	Frequency Range 5.000MHz	Supply Voltage 33=3.3V	Operating Temperature		Output Type T=TTL C=CMOS S=Clipped Sine wave
			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: Voltage Control / NC  
2: 3-state / NC  
3: GND & Case  
4: OUT  
5: NC  
6: Supply Voltage

#### Solder Pad Layout

