

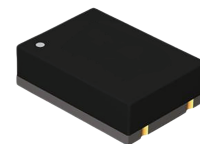
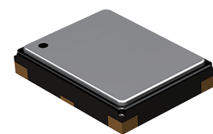


## Features

- High stability
- Extra wide temperature
- Low phase noise
- Ultra-small package
- Ultra-low power consumption
- Product serialization
- Support customer customization

## Applications

- Communication equipment: transmission network, access network, data communication products, BBU/RRU/AAU, base station, etc
- Private network equipment: rail transit, cluster communication, navigation system, etc
- Industrial control: robots, CNC machine tools, signal acquisition, etc
- Instrumentation: Precision instrumentation, testing equipment, industrial metering (water meter, electricity meter, gas meter, etc.)
- Consumer electronics: children's watches, elderly mobile phones, Bluetooth modules, etc



## Standard Specifications

Parameter	TCXO SMD HT75A
Type	High stability, wide temperature, low phase noise
Temperature stability(ppm)	±0.05
Aging	±20ppb/ day / ±1ppm/ year
Phase noise(dBc/Hz@1K)	-145
Operating temperature (°C)	-55°C~+85°C / -40°C~+105°C
Dimension(mm)	7.0*5.0*1.7
Recommended Frequency (MHz)	9.6/10/12.8/13/15.36/ 16.384/19.20/20/25/ 26/30.72/32.768/ 38.88/40/50

## Other

- Temperature compensated crystal oscillator (TCXO) is a kind of quartz crystal oscillator, which compensates the frequency offset due to the change of ambient temperature through the temperature compensation circuit to achieve high precision frequency output.
- Supports multiple reference sources such as IEEE1588v2, 1PPS, and frequency input
- Supports full-protocol IEEE1588v2
- Supports the PTP Master, Slave, and BC functions
- Supports NTP Server and Client functions