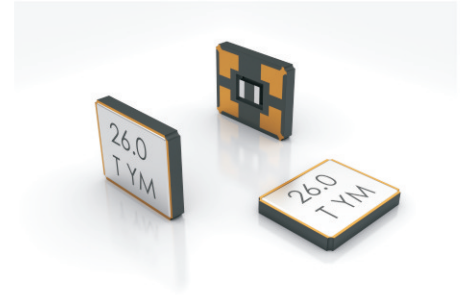


## Thermistor quartz crystal T1612 series



### Features

- Ultra-small size: 1.6 × 1.2 × 0.65 mm
- Ceramic seam welding package
- High stability and low aging
- Pb Free and RoHS compliant
- Applications: Small wireless device, Wireless module, IoT, Wearable device, TWS, Health care equipment, Small consumer equipment etc.

Electrical Specifications	
Item / Type	T1612
Frequency Range	26MHz~76.8MHz
Frequency Tolerance (at 25°C)	±10ppm, or specify
Frequency stability over Operating Temperature	±12ppm
Operating Temperature Range	-30°C to +85°C
Shunt Capacitance (C0)	3.0pF
Drive Level	10uW (100uW max)
Load Capacitance	7pF
Aging	±1ppm max / year
Storage Temperature Range	-40°C to +125°C

Equivalent Series Resistance(ESR )	
Fundamental	
26MHz~40MHz	100Ω max
40MHz~52MHz	80Ω max
52MHz~76.8MHz	60Ω max

