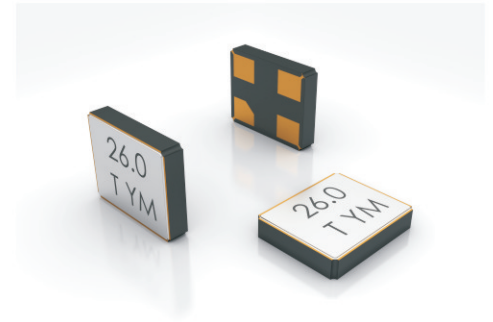


SMD AT cut crystal unit M1612 series



Features

- Ultra-small size: 1.6 × 1.2 × 0.35 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	M1612
Frequency Range	24MHz~96MHz
Frequency Tolerance(at 25°C)	±10ppm, or specify
Frequency stability over Operating Temperature	±10ppm, ±15ppm, or specify
Operating Temperature Range	-40°C to +85°C
Shunt Capacitance (C0)	3.0pF
Drive Level	10uW (100uW max)
Load Capacitance	Series, 8pF, 10pF, or specify
Aging	±3ppm max / year
Storage Temperature Range	-40°C to +125°C

Equivalent Series Resistance(ESR)	
Fundamental	
24MHz~32MHz	150Ω max
32MHz~38MHz	100Ω max
38MHz~96MHz	80Ω max

