

KHz Crystal (SMD)

1.5 K1610

Metal Can Type Crystals TF 1610

FEATURES

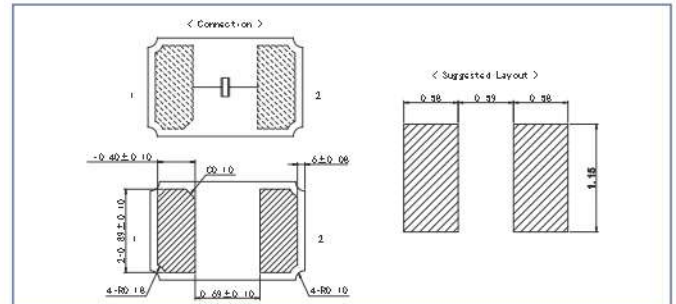
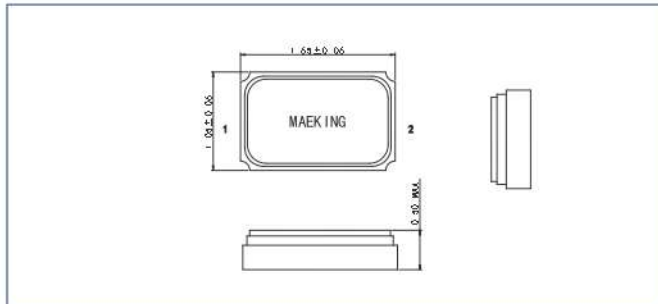
- Ultra-small size: 1.6 x1.0x0.5 mm
- Ceramic seam welding package
- High stability
- Pb Free and RoHS compliant

TYPICAL APPLICATION

- Small wireless device, Wireless module, IoT, Wearable device, TWS
- Health care equipment, Small consumer equipment etc



DIMENSIONS



ELECTRICAL SPECIFICATION

Item/Type	TF1610
Frequency Range	32.768KHz
Frequency Tolerance (at 25°C)	±20ppm
Operating Temperature Range	-40 ~ +85°C
Shunt Capacitance (C ₀)	2.0pF Max.
Drive Level	0.1μW(0.5μW Max.)
Load Capacitance	Series, 7pF, 9pF, 12.5pF, or specify
Aging(at 25°C)	±5 ppm First year Max.
Storage Temperature Range	-40 ~ +125°C
Turnover Temperature	25±5°C
Temperature Coefficient	(-0.035±0.005) ppm/°C ²
Insulation Resistance	500MΩ@DC 100±10V

EQUIVALENT SERIES RESISTANCE(ESR)

Frequency	Resistance
32.768KHz	90KΩ Max.