

QUARTZ CRYSTAL UNITS

CRS1610 SERIES



Features

- External dimensions:1.6×1.0×0.5mm
- Standard frequency:32.768KHz
- High stability and low aging
- Excellent heat resistance and environmental characteristics
- Applications:Smart phone,Bluetooth,W-LAN ISM,Health care equipment ,Clock for MPU GPS



Specifications

Item/Type	CRS1610
Standard Frequency	32.768KHz
Load Capacitance	7pF,9pF ,12.5pF or specify
Frequency Tolerance(at 25℃)	±20ppm
Operating Temperature	-40~+85℃,or specify
Storage Temperature	-40~+125℃,or specify
Shunt Capacitance	2pF Max.
Level Of Drive	0.1 μW (0.5 μW Max.)
Frequency Aging (at 25 ℃)	±5ppm/First year Max.
Insulation Resistance	500MΩ at DC100V±10V
Temperature coefficient	-0.036+/-0.005ppm/℃ ²

Equivalent Series Resistance(ESR)	
Fundamental	
32.768KHz	90KΩ Max.

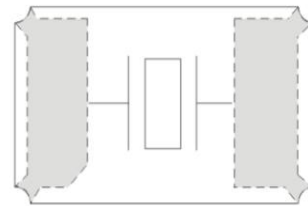
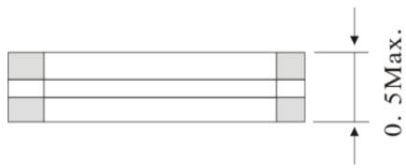
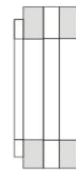
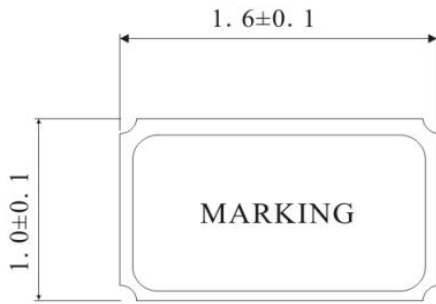
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Dimensions

(Unit:mm)



Land Pattern Reference

