

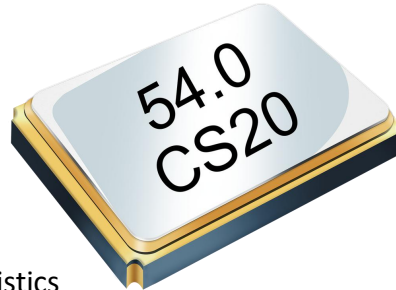
# QUARTZ CRYSTAL UNITS

## CRS2016 SERIES



### Features

- External dimensions:2.0×1.6×0.55mm.
- Frequency Range:16 ~54MHz
- Reflow resistance type crystal units.
- Excellent heat resistance and environmental characteristics
- RoHS compliant/pb Free
- Applications:Smart phone,Health bracelets,Clock for MPU GPS etc



### Specifications

Item/Type	2016
Standard Frequency	16~54MHz
Vibration Mode	AT Fundamental
Load Capacitance	8pF,10pF or specify
Frequency Tolerance(at 25℃)	±10ppm, or specify
Frequency Versus Temperature Characteristics	±20ppm,or specify
Operating Temperature	-40~+85℃
Storage Temperature	-40~+90℃,or specify
Shunt Capacitance	5pF Max.
Level Of Drive	10 μW Max.(100 μW Max.)
<b>Equivalent Series Resistance(ESR)</b>	
<b>Fundamental</b>	
16MHz~20MHz	150Ω Max.
20MHz~30MHz	100Ω Max.
30MHz~35MHz	80Ω Max.
36MHz~54MHz	60Ω Max.

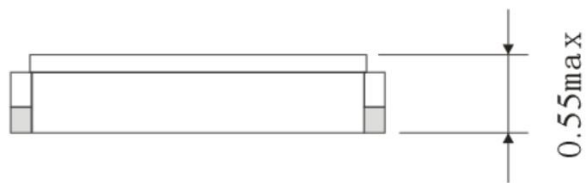
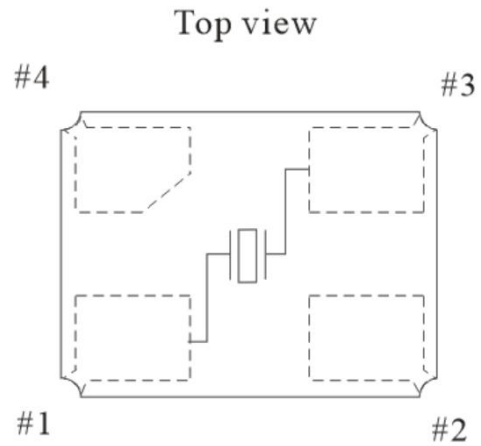
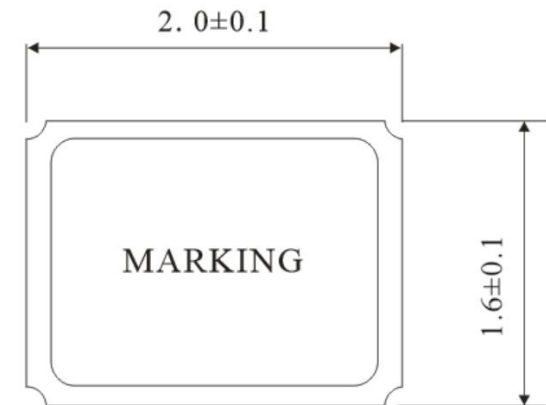
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### Dimensions

(Unit:mm)



PIN CONNECT	
1, 3	CRYSTAL
2,4	GND

