



Features

- 5032 size ultra miniature and lightweight SMD crystal units with low profile of 0.9mm
- Frequency range from 8MHz to 125MHz
- High precision and high frequency stability
- Allowing for high density surface mounting
- Automatic mounting and reflow soldering
- Application for wireless communications, PC, IPAD, PDA, Wearable device, etc.
- RoHS Compliant /Pb Free



Standard Specification

Item /Type	71 Series
Frequency Range	8~125 MHz
Frequency Tolerance (at 25°C)	±10ppm, ±20ppm, or specify
Frequency stability Over Operating Temperature	±10ppm, ±20ppm, or specify
Operating Temperature Range	-20~+70°C, or specify
Shunt Capacitance (C ₀)	5pF Max.
Drive Level	1~200µW (100µW Typ.)
Load Capacitance	10pF, 16pF, 20pF or specify
Ageing (at 25°C)	±3ppm /year Max.
Storage Temperature Range	-55~+125°C
Packing Unit	3000pcs.

Equivalent Series Resistance

Fundamental		3 rd Overtone	
8~12 MHz	80Ω Max.	40~60 MHz	120Ω Max
12~54 MHz	40Ω Max.	60~125 MHz	80Ω Max



X-REF

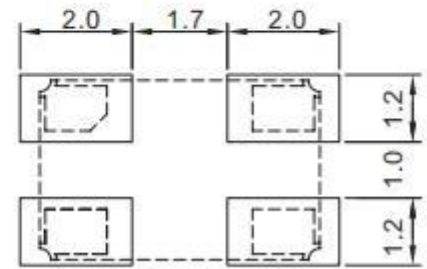
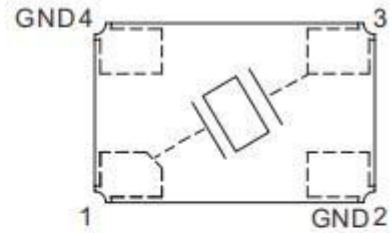
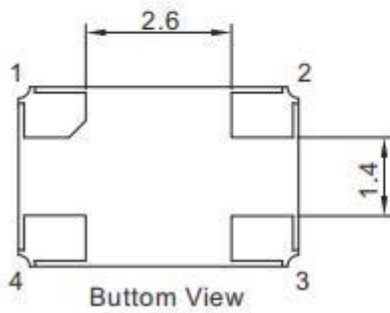
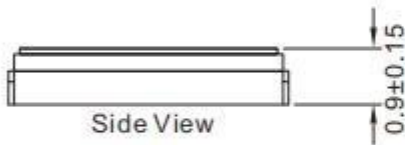
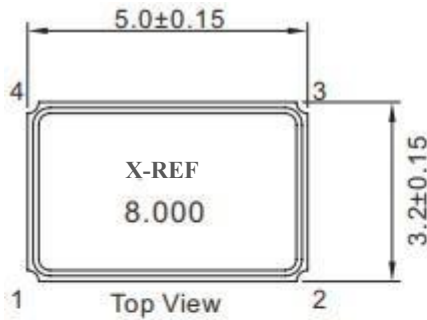
71 Series SMD Crystal Units

Seam Sealed Ceramic

Size: 5032 (5.0x3.2x0.9mm)

8 to 125 MHz / 10ppm~20ppm

Dimensions (mm)



2222

Part ordering information

X	-71	-26.000	-10	-10	-80	-C	-10
Series	Frequency	Load Capacitance	Frequency Tolerance	ESR	Operating T°	Frequency Stability	
	e.g.:	e.g.:	e.g.:	e.g.:	A = -10~+60°C	e.g.:	
	26.000 = 26MHz	9 = 9pF	10 = 10ppm	80 = 80Ω max	B = -20~+70°C	10 = ±10ppm	
					C = -40~+85°C		
					D = -40~+105°C		
					E = -55~+125°C		



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