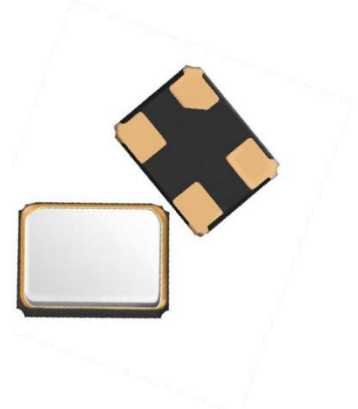




Features

- 2016 size ultra miniature and lightweight SMD crystal units with low profile of 0.5mm
- Frequency range from 16MHz to 54MHz
- 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



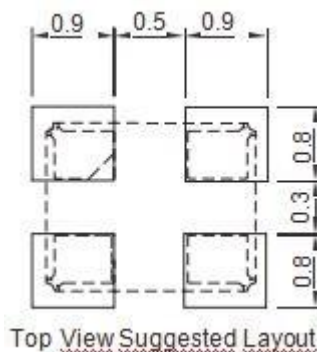
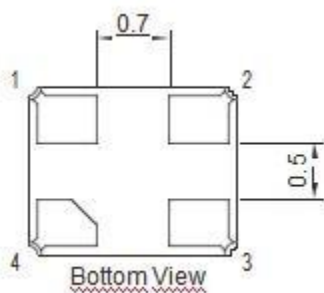
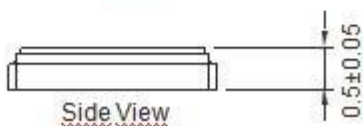
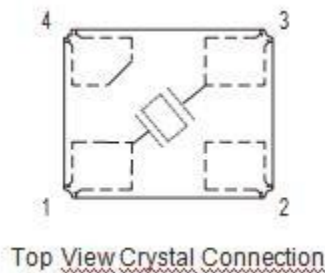
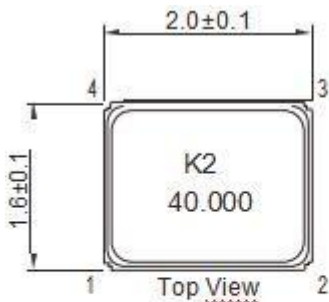
Standard Specification

Item /Type	7F Series
Frequency Range	16~54 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 (50μW Typ.)
Load Capacitance	8pF, 10pF, or specify
Ageing (at 25°C)	±3ppm /year Max.
Storage Temperature Range	-55~+125°C
Packing Unit	3000pcs.

Equivalent Series Resistance

Fundamental	
16~19.2 MHz	200Ω Max.
19.2~30 MHz	100Ω Max.
30~54 MHz	80Ω Max.

Dimensions (mm)



Part ordering information

X	-7F	-26.000	-9	-10	-100	-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	100 = 100Ω max	B = -20~+70°C	10 = ±10ppm	
					C = -40~+85°C		
					D = -40~+105°C		
					E = -55~+125°C		



REF

7F Series SMD Crystal Units Seam Sealed Ceramic Size: 2016 (2.0x1.6x0.50 mm) 10 to 54 MHz / 10ppm-20ppm

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