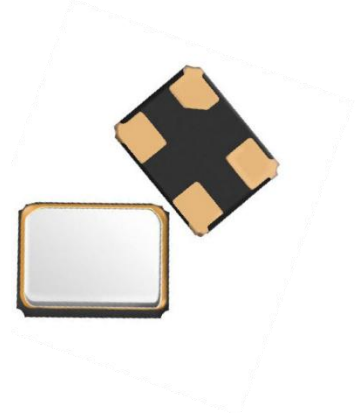


Features

- 2520 size ultra miniature and lightweight SMD crystal units with low profile of 0.55mm
- Frequency range from 12MHz 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



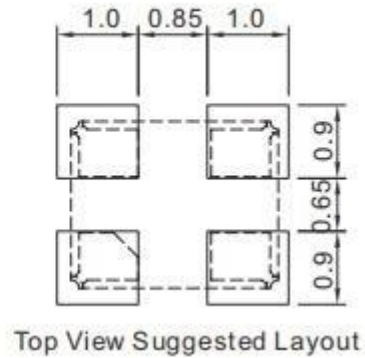
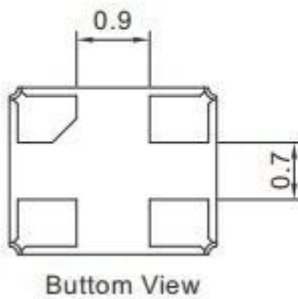
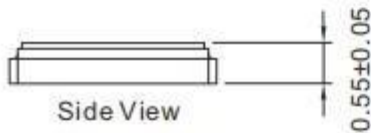
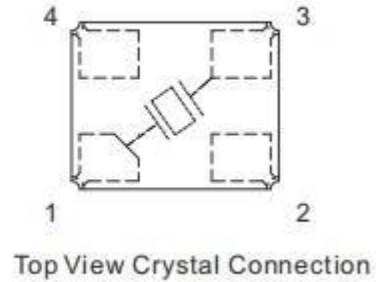
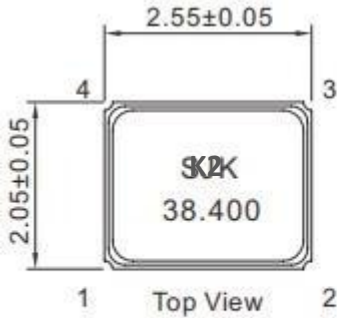
Standard Specification

Item /Type	7E Series
Frequency Range	12~54 MHz
Frequency Tolerance (at 25°C)	±10ppm~±30ppm, 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, 12pF or specify
Ageing (at 25°C)	±3ppm /year Max.
Storage Temperature Range	-55~+125°C
Packing Unit	3000pcs.

Equivalent Series Resistance

Fundamental	
12~13 MHz	150Ω Max.
14~30 MHz	100Ω Max.
30~54 MHz	60Ω Max

Dimensions (mm)



Part ordering information

X	-7E	-26.000	-10	-10	-60	-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 B = -20~+70°C C = -40~+85°C D = -40~+105°C E = -55~+125°C	e.g.:	
	26.000 = 26MHz	9 = 9pF	10 = 10ppm	60 = 60Ω max		10 = ±10ppm	



7E Series SMD Crystal Units

Seam Sealed Ceramic
Size: 2520 (2.5x2.0x0.55mm)
12 to 54 MHz / 10ppm~30ppm

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