

SMD Crystal Resonators



Size: 3.2×2.5×0.70 mm

7U Series SMD Crystal Resonator

Features

- 3225 size miniature and light SMD crystal resonator with a low profile of 0.70mm.
- Wide frequency range form a comparatively low 10MHz up to 64MHz.
- High precision and high frequency stability.
- Excellent heat resistance and environmental characteristics.
- Automatic mounting and reflow soldering.
- Applications in PDA, DSC, DVC, Wireless communication, Mobile phone, PC, and more.
- RoHS Compliant / Pb-Free.



Electrical Specifications

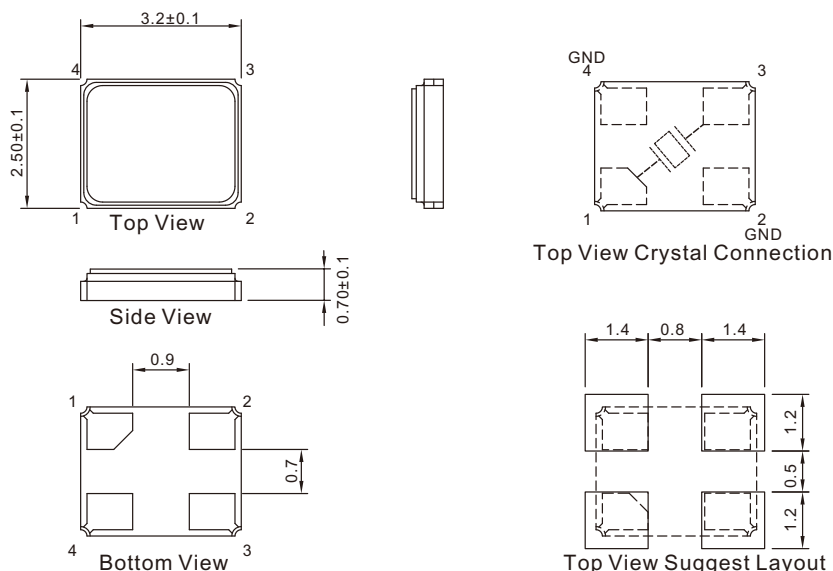
Item /Type	7U (3225 SMD crystal resonator)
Frequency Range	10~64MHz
Frequency Tolerance(at 25 ºC)	±10ppm~±30ppm, or specify
Frequency Stability Over Operating Temperature Range	±10ppm~±30ppm, or specify
Operating Temperature Range	-40~+85°C, or specify
Shunt Capacitance(C ₀)	5pF Max.
Drive Level	1~200µW Max.(100µW Typical)
Load Capacitance	8pF, 10pF, 12pF, or specify
Aging (at 25°C)	±3ppm / year Max.
Storage Temperature Range	-55~+125°C
Packing Unit	3000pcs./Reel

Equivalent Series Resistance(ESR)

Fundamental	
10~16MHz	100 Ω Max.
16~20MHz	80 Ω Max.
20~64MHz	60 Ω Max.

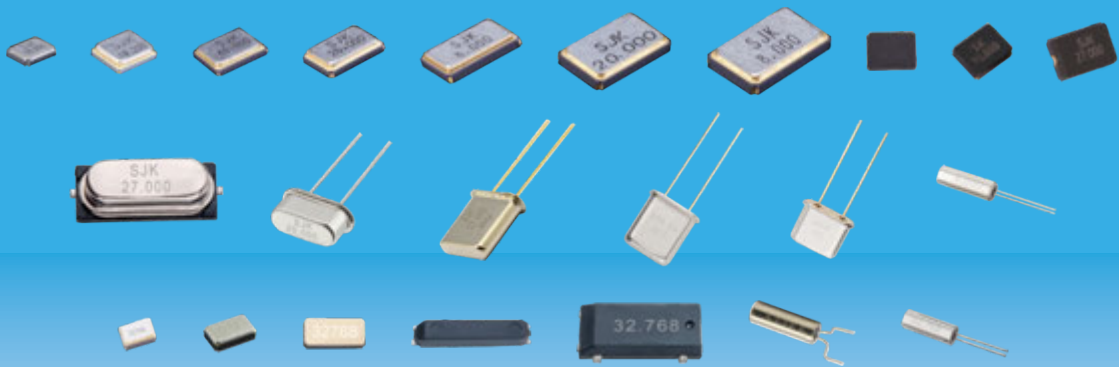
Dimensions

Units:mm

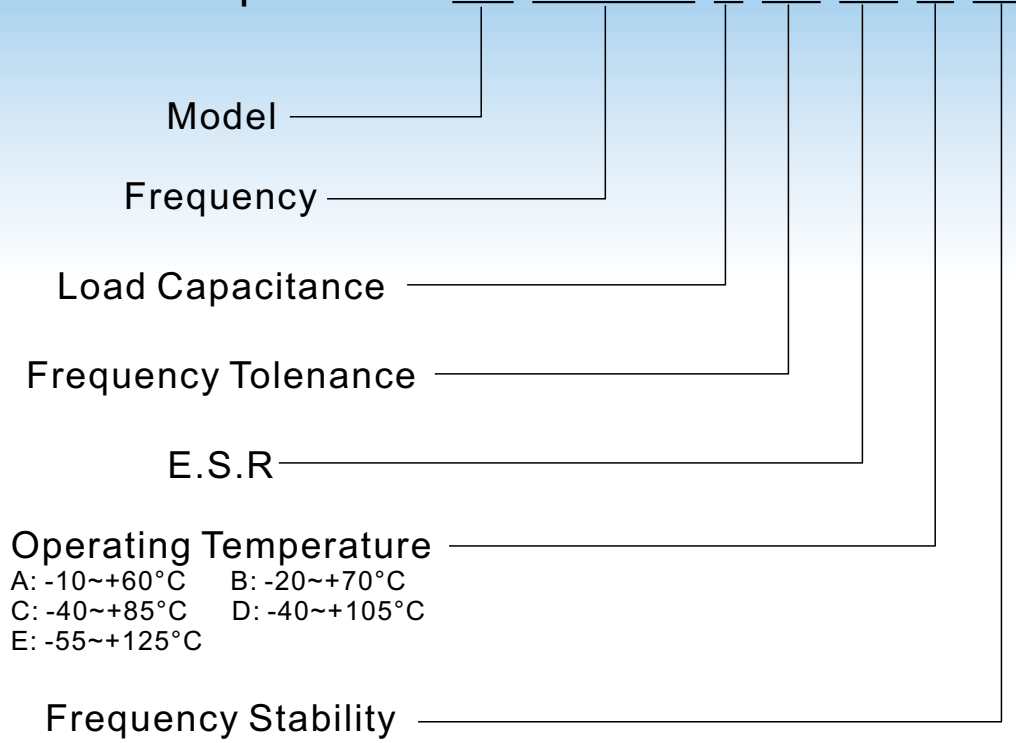




Crystal Units



Example: SJK-7F-26.000-9-10-80-C-15



Operating Temperature
 A: -10~+60°C B: -20~+70°C
 C: -40~+85°C D: -40~+105°C
 E: -55~+125°C