

Glass SMD Crystal Resonators



Size: 3.2×2.5×0.80 mm

7V Series SMD Crystal Resonator

Features

- 3225 size miniature and light SMD crystal resonator with a low profile of 0.80mm.
- Wide frequency range form a comparatively low 10MHz up to 54MHz.
- High precision and high frequency stability.
- Excellent heat resistance and environmental characteristics.
- Automatic mounting and reflow soldering.
- Applications in DVC, Wireless communication, Mobile phone, PC, and more.
- Contain Pb in sealed glass exempted by RoHS directive.



Electrical Specifications

Item /Type	7V (3225 Glass SMD crystal resonator)
Frequency Range	10~54MHz
Frequency Tolerance(at 25 °C)	±30ppm, or specify
Frequency Stability Over Operating Temperature Range	±30ppm, or specify
Operating Temperature Range	-20~+70°C, or specify
Shunt Capacitance(C ₀)	3pF Max.
Drive Level	1~50μW Max.(10μW Typical)
Load Capacitance	8pF, 10pF, or specify
Aging (at 25°C)	±3ppm / year Max.
Storage Temperature Range	-40~+85°C
Packing Unit	3000pcs./Reel

Equivalent Series Resistance(ESR)

Fundamental	
10~12MHz	150 Ω Max.
12~16MHz	100 Ω Max.
16~54MHz	60 Ω Max.

Dimensions

Units:mm

