

SMD Crystal Resonators



Size: 2.0×1.6×0.50 mm

7F Series SMD Crystal Resonator

Features

- 2016 size miniature and light SMD crystal resonator with a low profile of 0.50mm.
- Wide frequency range form a comparatively low 16MHz up to 54MHz.
- High precision and high frequency stability.
- Automatic mounting and reflow soldering.
- Applications in smart phone, sip module, variety of compact portable consumer products.
- RoHS Compliant / Pb-Free.



Electrical Specifications

Item /Type	7F (SMD 2016 crystal resonator)
Frequency Range	16~54MHz
Frequency Tolerance(at 25 ºC)	±10ppm, ±20ppm, or specify
Frequency Stability Over Operating Temperature Range	±10ppm, ±20ppm, or specify
Operating Temperature Range	-20~+70°C, or specify
Shunt Capacitance(Co)	3pF Max.
Drive Level	1~200µW Max.(50µW Typical)
Load Capacitance	8pF, 10pF, or specify
Aging (at 25°C)	±3ppm / year Max.
Storage Temperature Range	-55~+125°C
Packing Unit	3000pcs./Reel

Equivalent Series Resistance(ESR)

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

Dimensions

Units:mm

