



## SX-7 / 6 / 8

Ceramic SMD Package

### Parameters / Specifications

Parameters	Specifications
Frequency Range	8.000 ~ 125.000 MHz
Operating Temperature Range	-10°C~ +60°C (STD), -20°C~ +70°C
Frequency Tolerance @+25°C	±10, 15, 30, 50ppm (STD)
Temperature Tolerance	±10, 15, 30, 50, 100ppm (STD)
Storage Temperature	-40°C~ +85°C
Load Capacitance	18pF (STD), ≥10pF or Series Resonant
Drive Level	0.01 ~ 100 μW
Shunt Capacitance	7.0pF Max.
Aging @+25°C	±5.0ppm Max. per year
Insulation Resistance	500 MΩ Min. @100Vdc

### Equivalent Series Resistance / Oscillation Mode

Frequency Range (MHz)	ESR (Ω) Max.	Package
8.000 ~ 9.999	70 / Fundamental	SX-7
10.000 ~ 11.999	60,70 / Fundamental	SX-7, SX-6
12.000 ~ 14.999	60,60,70 / Fundamental	SX-7, SX-6, SX-8
15.000 ~ 19.999	50,60,60 / Fundamental	SX-7, SX-6, SX-8
20.000 ~ 33.000	40,50,50 / Fundamental	SX-7, SX-6, SX-8
35.000 ~ 59.999	80 / Fundamental	SX-7
60.000 ~ 79.999	60 / Fundamental	SX-7
80.000 ~ 125.000	50 / Fundamental	SX-7

### Mechanical Dimensions

