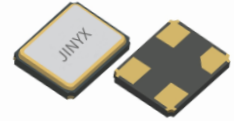


Features

- .Reliable seam sealed ceramic package.
- .Wide operating temperature range.
- .Superior and reliable performance in harsh environment.
- .Application: TPMS, ECM, ABS and sensor modules.



Electrical Specifications

Item/Type	SM70
Frequency Range	6~150MHz
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)	7 pF Max
Driver Level (Typical)	10μW typical(200μW max)
Load Capacitance(C _L)	6pF-32pF,or specify
Aging @25°C	±3ppm / year Max
Storage Temperature Range	-55~+125°C

Equivalent Series Resistance(ESR)

Fundamental		3rd Overtone	
6~8MHz	100Ω Max	30~80MHz	80Ω Max
8~16MHz	60Ω Max	80~100MHz	90Ω Max
16~30MHz	40Ω Max	100-160MHz	100Ω Max

Dimensions

