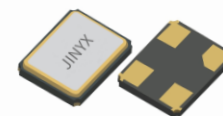


Features

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



Electrical Specifications

Item/Type	SM25
Frequency Range	12~54MHz
Frequency Tolerance (at 25°C)	±10ppm,or specify
Frequency Stability Over Operating Temperature Range	±30ppm,±10ppm,or specify
Operating Temperature Range	-20~+70°C,or specify
Shunt Capacitance (C ₀)	3 pF Max
Driver Level (Typical)	10μW typical(200μW max)
Load Capacitance(C _L)	6pF-32pF,or specify
Aging @25°C	±3ppm / year Max,or,±1ppm / year Max
Storage Temperature Range	-55~+125°C

Equivalent Series Resistance(ESR)

Fundamental	
12.0~13.0MHz	150Ω Max
13.0~30.0MHz	100Ω Max
30.0~54.0MHz	60Ω Max

Dimensions

