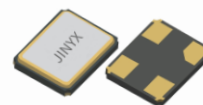


Features

- .Extremely small SMD type crystal units.
- .High precision and high frequency stability.
- .Excellent heat resistance and environmental characteristics.
- .Application in PDA,DSC,DVC,PC,etc.
- .RoHS Compliant / Pb Free



Electrical Specifications

Item/Type	SM20
Frequency Range	16~96MHz
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	
16.0~19.2MHz	150Ω Max
19.2~30.0MHz	100Ω Max
30.0~96.0MHz	80Ω Max

Dimensions

