



Features



- Extremely small SMD type crystal units.
- High precision and high frequency stability.
- Extremely good for reducing EMI effect.
- The best choice of Bluetooth, wireless communication set, DSC, PDA, and mobile phone.
- RoHS Compliant / Pb Free.

Specifications

Item / Type	DGSMD 3.2*2.5mm
Frequency Range	12 ~ 54 MHz
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 30 ppm (-20 ~ +70 °C), or specify
Operating Temperature Range	- 40 ~ + 85 °C
Shunt Capacitance (C0)	3 pF Max.
Drive Level	1 ~ 50 µW (10 µW typical)
Load Capacitance	18 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 55 ~ + 125 °C

* Please contact our sales for custom frequencies.

Equivalent Series Resistance(ESR)

Fundamental	
12 ~ 16 MHz	100 Ω Max.
16 ~ 20 MHz	80 Ω Max.
20 ~ 54 MHz	60 Ω Max.

Dimensions

