

Features

- Package: 2.5x2.0mm SMD
- Low power consumption
- Wide Temperature
- Tight tolerance and Stability

Applications

- Automotive electronics
- Smart terminals
- Smart appliances
- Communication equipment
- Security buildings
- Metering (Water , Electricity , Gas)



Standard Specifications

Parameter	Crystal SMD2520	
Frequency Range	12~54MHz	
Oscillation Mode	Fundamental	
Load Capacitance (CL)	8pF, 10pF, 12pF or specify	
Frequency Tolerance	±10ppm, or specify	
Frequency Stability	±10ppm~±50ppm	
Operating temperature	-20~70°C, -40~85°C, -40~125°C	
Drive Level (DL)	100µW Typical (200µW Max)	
Equivalent Series Resistance (ESR)	< 150Ω@12~16MHz	< 80Ω@16~19MHz
	< 60Ω@19~30MHz	< 40Ω@30~54MHz
Shunt Capacitance (C0)	3pF Max	
Insulation Resistance (IR)	500MΩ Min (At DC 100V)	
Aging(at 25 °C)	±3ppm/year Max	
Storage Temperature	-55~125°C	

Dimensions (Units : mm)

