

### Features

- Package: 1.6x1.2mm 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 SMD1612	
Frequency Range	24~96MHz	
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 Max	
Equivalent Series Resistance (ESR)	< 80Ω@24~32MHz	< 60Ω@32~54MHz
	< 30Ω@54~96MHz	
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 )

