



Features

- 1612 size miniature and light SMD crystal resonator with a low profile of 0.35mm.
- Wide frequency range from a comparatively low 24MHz up to 54MHz.
- High precision and high frequency stability.
- Automatic mounting and reflow soldering.
- Applications in smart phone, sip module, variety of compact portable consumer products.



Electrical Specifications

Type	KSS1612 QUARTZ CRYSTAL
Frequency Range	24MHz~54MHz
Frequency Tolerance(at 25 °C)	±10ppm, ±20ppm, or specify
Frequency Stability Over Operating Temperature Range	±10ppm, ±20ppm, or specify
Operating Temperature Range	-20~+70°C, or specify
Shunt Capacitance(C ₀)	3pF Max.
Drive Level	1~200μW Max.(50μW Typical)
Load Capacitance	8pF, 10pF, or specify
Aging (at 25°C)	±3ppm / year Max.
Storage Temperature Range	-55~+125°C
Packing Unit	3000pcs/Reel

Equivalent Series Resistance(ESR)

Fundamental	
24~30MHz	100 Ω Max
30~54MHz	80 Ω Max

Ordering Information

KSS1612	036M	10	20	20	A	
Product Code	Frequency Range 36.000MHz	Load Capacitance 10=10pF	Frequency Tolerance 20=±20ppm	Frequency Stability 20=±20ppm	Operating Temperature	
					A:-20~+70°C	D:-40~+125°C
					B:-10~+70°C	E:-10~+60°C
					C:-40~+85°C	F:-30~+70°C

Dimension

Units:mm

